

Vivekanand College (An Empowered Autonomous), Kolhapur
Department of BCA

Notice

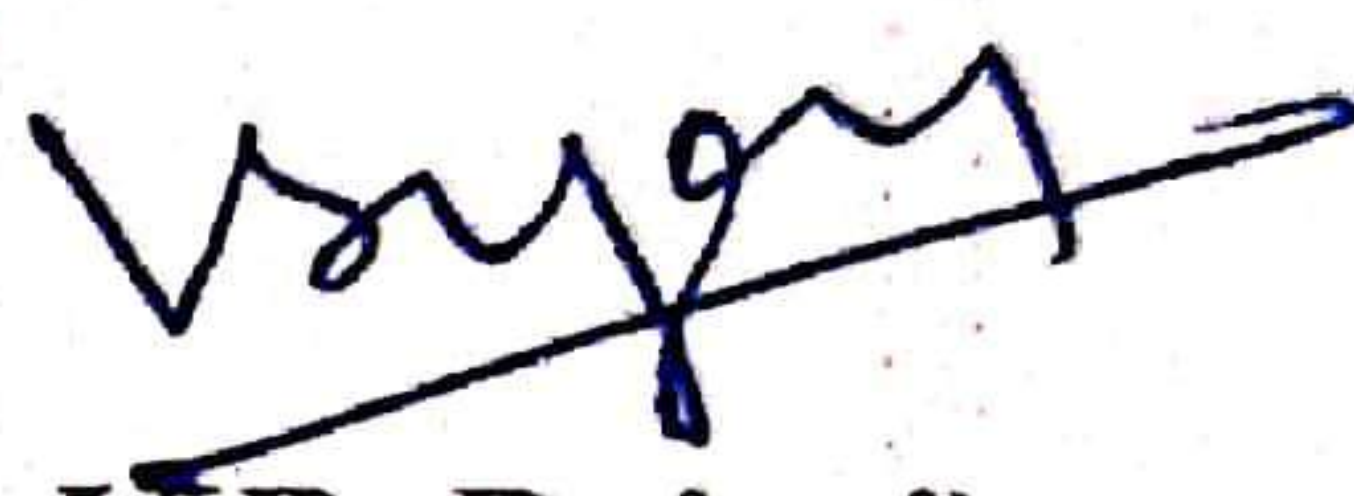
Date: 29/03/2025

All the students of BCA-I are hereby informed that there is **UNIT Test** of the subject **Object Oriented Programming using Java** on **03/04/2025** at **9.10 am-10.30 am**.

The test is of 30 Marks based on UNIT-I.

Attendance is compulsory to all.




(Mr. V.B. Pujari)

HOD

HEAD
DEPARTMENT OF B. C. A.
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Name :- Vaibhavi Umesh Bhureadkar
Roll No. :- 21

classmate

Date _____

Page _____

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30

1. Explain basic concept of OOPs.
2. Distinguish betn Java, C & C++.
3. Define features of Java.
4. Short note -
 - 1) JVM
 - 2) Java and Internet
 - 3) Applications of OOPs.

Q1. _____

① Class :-

In the Object - oriented Programming language the concept class is user-defined by blue-print or protocol to classify objects. Multiple objects can be included in class by def to define objects of same category.

Modifiers -

types of modifiers

① Default - key access :-

Modifier which is formed by default keyword or by default is called default-key access.

② Private Access modifier :-

Modifier which is formed by private keyword is called Private Access modifier.

③ Protected Access modifier :-

Modifier which is formed by key protected is called protected Access modifier.

② Object -

In Object oriented programming the concept object

③ Polymorphism -

Polymorphism is the concept of Object Oriented programming that defines as 'poly' means 'many' & polymorphism means many forms. Combining multiple programme is called polymorphism.

There are two methods of polymorphism:-

① Method Overloading - Method overloading is also known as compile-time polymorphism.

② Method Overriding - Method overriding is also known as run-time polymorphism.

④ Inheritance -

The concept inheritance in object oriented programming states that the code inherits

Superclass

Subclass : subclass inherits

Subclass

⑤ Abstraction -

Abstraction is a ~~pre~~ concept of object-oriented programming that shows only essential or useful information or parts to the users. Abstraction doesn't display non-essential part of that particular thing. Example as, You are accelerating your car you are only able to increase or decrease that accelerator or same to the brakes you applied while driving car. You are able to only apply brakes But you don't know the inner function of this system or this mechanism is not displayed here. Abstraction is also same as this example. We just ^{see} the essential information or parts.

Q2. _____

• Origin

- C : It is originated from BCPL, BPL.
- C++ : It is derived from C.
- Java : It is derived from C & C++.

• Platform dependency

- C : It is platform dependent language.
- C++ : It is also platform dependent language.
- Java : It is platform independent language.

• Sourcefile extension

- C : It has .c sourcefile extension.
- C++ : It has .cpp sourcefile extension.
- Java : It has .java sourcefile extension.

Q4. _____

1) JVM - Java Virtual Machine (JVM) is based on JDK (Java Development Kit)

2) Applications of OOPs.

1) Game development:- Object oriented programming is ^{mostly} used in game development. It helps to develop games because of high network feature.

2) Software development :- Software development should also done by application of object oriented programming.

3) Security management :- OOPs also helps in security.

Q2. _____

→ Dynamic and static.

- C : It is static

- C++ : It is also static

- Java : It is Dynamic language.

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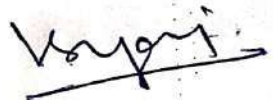
Date: 22/02/2025

All the students of BCA-II are hereby informed that there is **UNIT Test** of the subject **Data Structure using C++** on **25/02/2025** at **8.20 am-09.10 am**.

The test is of 20 Marks based on UNIT-I.

Attendance is compulsory to all.




(Mr. V.B. Pujari)

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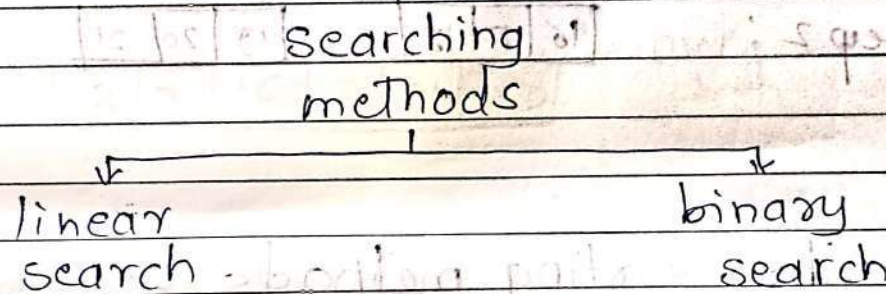


Q.1. Describe searching method and types with example.

→ Searching method:

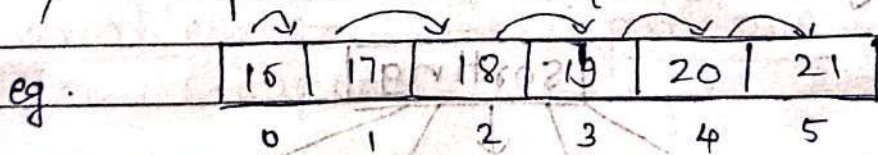
Searching method in datastructure is used to find a particular record in an array.

There are 2 approaches to search in searching method -



i) linear search

In linear search, The record is tried to find in a linear way. i.e by a particular sequence.



The every index is been looked upon linearly. Every index and elements are checked linearly to find the desired record.

ii) Binary search

Binary search use divide and conquer approach. Where a target element is set and using that targeted element, the record is found.

step 1:

16	17	18	19	20	26
----	----	----	----	----	----

 target = 18
0 1 2 3 4 5

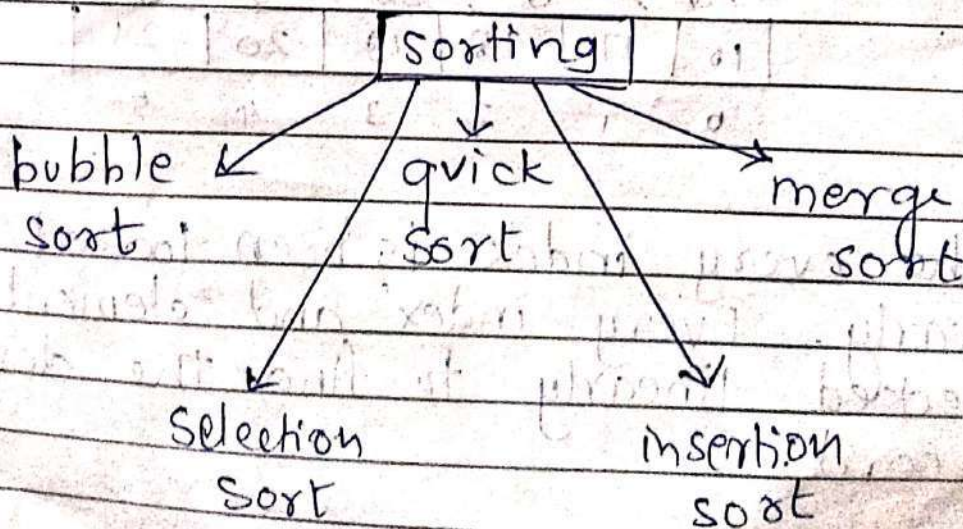
step 2:

16	17	18		19	20	21
----	----	----	--	----	----	----

Q2 Describe sorting methods

Sorting methods are used to sort the elements in ascending or descending order.

There are basically 5 sorting methods namely -



i) Bubble sort :

In Bubble sort, the array elements are tried to sort in ascending or descending order.

In bubble sort, the adjacent elements are compared and swapped.

eg.

7	16	24	3	50	21
---	----	----	---	----	----

 using bubble sort, the arrays are kept in ascending like below

3	7	16	17	24	50
---	---	----	----	----	----

ii) Insertion sort :

In insertion sort, some part of an array is considered as sorted and

1) current variable is taken to sort

2) The remaining array and then add the right element in the space

by comparing the element in current variable to the previous element and

then swapped.

iii) Selection sort :

In selection sort, half part or some part of an array is considered as sorted and the

unsorted part in run on a loop to find the minimum of the elements and

added one by one to the array and

go on.

iv) Merge sort :

In merge sort, the divide & conquer technique is used and the elements in given array are sorted in a temporary array while stored.

sorting the small divided parts (elements) where $e = st = \text{same element}$. Then going reverse to binding together the elements in a sorted way.

v) Quick sort :

In quick sort, there is a pivot is considered and mostly the last element is considered as pivot and the left part of pivot is stored which are lower in value than the pivot and right side of pivot is sorted with keeping the bigger elements than pivot.

This way the lower small elements (sorted) pivot + (larger elements) make a sorted array in ascending order.

Q.3 stack - Uses LIFO (Last in First out) eg - dishes

- 1) Push () → adds the element
- 2) Pop () → deletes the element
- 3) push-back → adds to the rear
- 4) push-front → adds element to the front
- 5) pop-back → deletes from rear
- 6) pop-front → deleted from front
- 7) seek () → looks which element is in front.

Class : BCA II

Division : C

D.S.

Test-1

Sr. No.	Roll No.	Student Name	10/02/25	11/02/25	20/2	25/02	3/3	4/3
1	1411	MALI PARTI NILESH	Parti	Parti	Parti	Parti	Parti	Parti
2	1412	*PRANJAL PRASHANT MALI	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali
3	1413	*SANJANA SANTOSH MANE	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
4	1414	MANE MAHESH RAJARAM	AB	AB	AB	AB	AB	AB
5	1415	MANGAL RUGAVED UTTAM	AB	AB	AB	AB	AB	AB
6	1416	MITHARI VRUSHAB DINESH	20/2	20/2	20/2	20/2	20/2	20/2
7	1417	*SHARVARI SATYAJEET MOHITE	Sharvate	Sharvate	Sharvate	Sharvate	Sharvate	Sharvate
8	1418	MOKASHI UJEF ABIDHUSEN	AB	AB	AB	AB	AB	AB
9	1419	MORE PRASAD PRAMOD	AB	AB	AB	AB	AB	AB
10	1420	PRIYANSHU NILESH MORE	Pranish	Pranish	Pranish	Pranish	Pranish	Pranish
11	1421	MUJAWAR AMAN TOHID	Amant	Amant	Amant	Amant	Amant	Amant
12	1422	*MUJAWAR AYESHA AKHTAR	AB	AB	AB	AB	AB	AB
13	1423	MUJAWAR MAHAMADJAIID SHAKIL	Shaker	Shaker	Shaker	Shaker	Shaker	Shaker
14	1424	*MUJAWAR MAHEK IRFAN	AB	AB	AB	AB	AB	AB
15	1425	MUKADAM AABSHAR MOHAMMAD ABDUL GANI	Aabshar	Aabshar	Aabshar	Aabshar	Aabshar	Aabshar
16	1426	HARSHAD DILIP NAIK	AB	AB	AB	AB	AB	AB
17	1427	NAIK SHREYASH BALU	Shrik	Shrik	Shrik	Shrik	Shrik	Shrik
18	1428	NAIKWADI ATHIRVA SACHIN	SNV	SNV	SNV	SNV	SNV	SNV
19	1429	NANDAVADEKAR SOHAM VINOD	AB	AB	AB	AB	AB	AB
20	1430	*RASIKA CHANDRAKANT NARAKE	Rasika	Rasika	Rasika	Rasika	Rasika	Rasika
21	1431	NASHTE ADITYA VIVEK	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N
22	1432	NIKAM ADITYA TANAJI	AB	AB	AB	AB	AB	AB
23	1433	*PALANGE BHUMI SANGRAMSING	AB	AB	AB	AB	AB	AB
24	1434	*PANHALKAR SUHANA RAHIMATULLA	AB	AB	AB	AB	AB	AB
25	1435	PARMAJ ADITYA AMOL	AB	AB	AB	AB	AB	AB
26	1436	*PATEL MANSI SUBHASH	Patel	Patel	Patel	Patel	Patel	Patel
27	1437	*PATEL SHRUTI PARESH	Patel	Patel	Patel	Patel	Patel	Patel
28	1438	PATEL MOHAMMAD ABRAR BABASAHEB	AB	AB	AB	AB	AB	AB
29	1439	PATIL ABHIMANYU VIJAY	AB	AB	AB	AB	AB	AB
30	1440	PATIL ABHISHEK BALASO	AB	AB	AB	AB	AB	AB
31	1441	PATIL ADITYA MANISH	Patil	Patil	Patil	Patil	Patil	Patil
32	1442	*PATIL ALISHA RAVINDRA	Alishap	Alishap	Alishap	Alishap	Alishap	Alishap
33	1443	PATIL AMOL ASHOK	Amol	Amol	Amol	Amol	Amol	Amol
34	1444	PATIL ANIKET DHONDIBA	AB	AB	AB	AB	AB	AB
35	1445	*PATIL ASMITA UTTAM	AB	AB	AB	AB	AB	AB
36	1446	PATIL ATHARV CHETAN	Adharv	Adharv	Adharv	Adharv	Adharv	Adharv
37	1447	*PATIL DNYANESHWARI ANKUSHRAO	Adharv	Adharv	Adharv	Adharv	Adharv	Adharv
38	1448	*PATIL HARSHADA CHANDRAKANT	AB	AB	AB	AB	AB	AB
39	1449	PATIL KUNDAN MAHESH	KD	KD	KD	KD	KD	KD
40	1450	PATIL MAHESH DNYANDEV	AB	AB	AB	AB	AB	AB
41	1451	*PATIL MANDIRA UTTAM	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil
42	1452	*PATIL MINAKSHI PRAKASHI	AB	AB	AB	AB	AB	AB
43	1453	PATIL PARAS PRAKASHI	AB	AB	AB	AB	AB	AB
44	1454	*PATIL PAYAL ANANDA	Payal	Payal	Payal	Payal	Payal	Payal
45	1455	PATIL PREMRAJ SHIVAJI	AB	AB	AB	AB	AB	AB
46	1456	PATIL RUSHIKESH PARASGONDA	AB	AB	AB	AB	AB	AB
47	1457	*PATIL SAMIKSHA BANDOPANT	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha
48	1458	*SAMIKSHA SADASHIV PATIL	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha

Vivekanand College (An Empowered Autonomous), Kolhapur
Department of BCA

Notice

Date: 02/08/2024

All the students of BCA-III are hereby informed that there is **UNIT Test** of the subject **Computer Networks** on **05/08/2024** at **9.10 am-10.00 am**.

The test is of 20 Marks based on UNIT-I.

Attendance is compulsory to all.




(Mr. V.B. Pujari)

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Q1 Explain network architecture in detail:

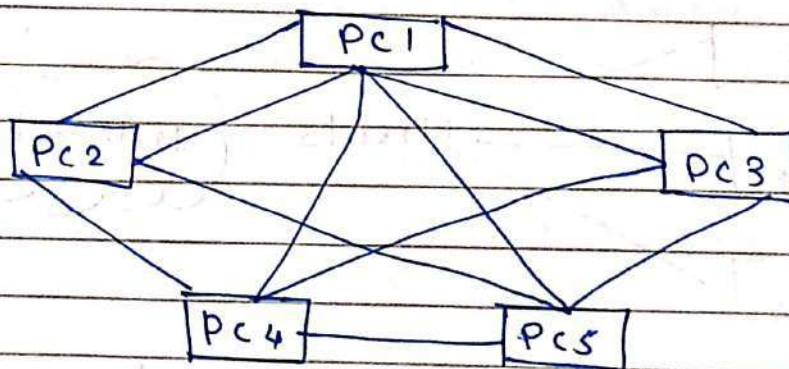
Computer network architecture is defined by the logical & physical designed of the software hardware protocols & media transmission of data. simply we can say that how computers are organized & how tasks are allocated to the computers.

There are two types of network architecture:

1] peer to peer network:

2] client server network:

1] Peer to Peer Network:



Peer to peer network is a network in which all the computers are linked together & equal privileges & responsibilities.

peer to peer network are useful for small environment usually up to the computers.

peer to peer network has no dedicated server special permission are assign to each computer for sharing the resources.

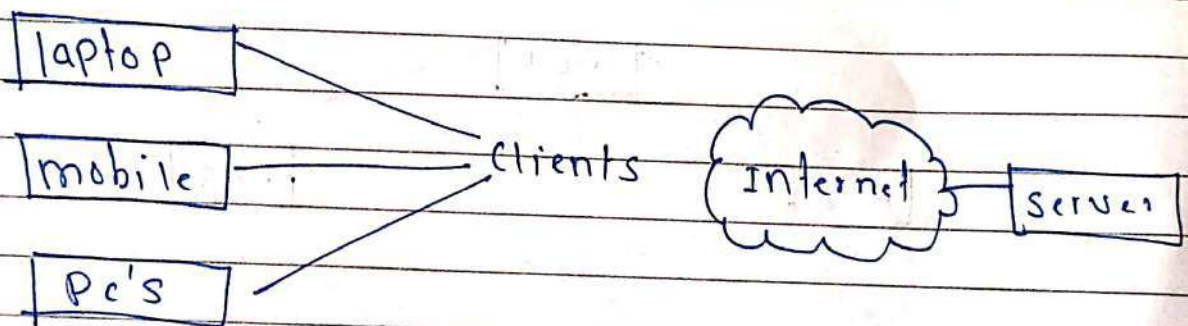
- Advantages:

- 1] It is less costly it has does not any dedicated Server.
- 2] It is easy to setup to maintain the computer will not stop working.

- Disadvantages:

- 1] In case peer to peer network does not contains centralized system.
- 2] It has security issues as devices it manages itself.

- 2] Client server Network:



06

Client server network is a network model designed for the end users called clients to access the resources such as songs, videos, etc.

From central Controller is an server. while all others Computers in the network are called clients. A Server performs all the measures operations such as security & network management.

- Advantages:

- 1] A client network server contains the centralized system. therefore, we can backup the data easily.

2] Security is better in this network.

- Disadvantages:

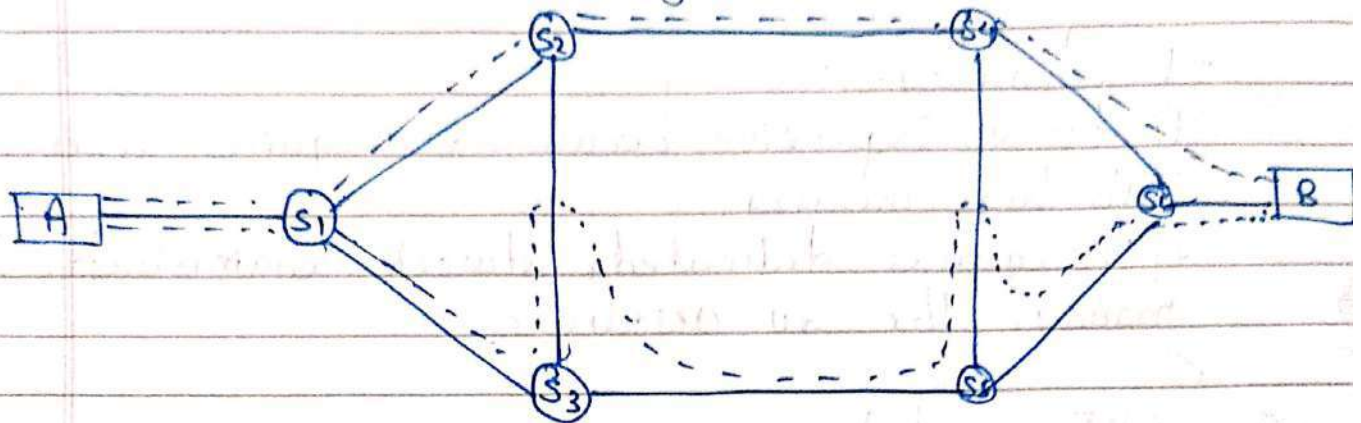
1] It is an expensive because it requires it server its large memory.

2] It requires dedicated network administrator to manage the all resources.

Q2 Difference between:

Circuit switching	Packet switching
1] In this switching there are 3 phases. 1] Connection establishment 2] Data transfer 3] Connection released	1] In packet switching directly data pass transfer take place.
2] In delay between data units in circuit switching uniform	2] The data units in packet switching is not uniform
3] Circuit switching is more reliable	3] packet switching is less reliable.
4] It is not stored & forward techniques	4] It is stored & forward techniques.
5] Recording of packets is never possible.	5] Recording of packets possible.
6] call setup is required in circuit switching	6] no call setup is required in packet switching.

Q3 Explain message switching:



In the switching technique in which message is transfer as a complete unit & routed through intermediate nodes at which is stored & forwarded. The destination address is appended to the message. message switching provides a dynamic routing.

Each & every nodes stored the entire message & then forwarded in to the next node. this type of N/w is known as stored & forward network.

06

- Advantages:

- 1] Data Channels & shared among the Communication device.
- 2] message priority can be use to manage N/w

- Disadvantage:

- 1] The message switching must be equipped with sufficient storage to enable them.
- 2] The long delay can occur due to the storing and forwarding pacitity provided by the message switching technique.

Seat No	Name of the student	sign
1198	Bhumi Palange	Bhumi
1241	Swaranjali B. Patil	Patil
-	Namrata R. Patil	Patil
1202	Mansi Patel	Mansi Patel
1248	Minakshoo Patil.	Mip. Patil
1318	Pratiksha B. patil.	Bpatil.
1233	shradha K. Patil.	Patil
1289	Snehal. N. Patil	SNPatil
1234	shreya. s. patil	Patil
1230	Sanskriti. S. Patil	Patil
1213	Dnyaneshwari A. Patil	Patil
1177	Sanjana Santosh Mane.	Sanjana
1236	Shruti S. patil	Patil
1176	Pranjal. P. Mali	Pranjal
1193	Rasika. C. Narake	Rasika
1160	Ishwari V. Kundalkar	Kundalkar
1163	Sanavi D. Kurane	Kurane
1180	Sharvari Mohite	Mohite
1203	Shruti Patel	Patil
1237	shubham. m. patil	Patil
1183	Priyanshu. N. More	More
1232	Sarah Santosh patil	Patil
1216	Mahesh D. patil	Patil
1186	Jaid Mijawar	Jaid
1188	AABSHAR MUKADAM	AABSHAR
1179	Vrushab Mithari	V.M.
1190	Shreyash Nale	Nale
1211	Atharv patil	Atharv
1429	Karun Kambale	Karun

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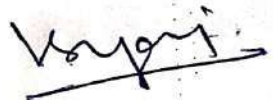
Date: 22/02/2025

All the students of BCA-II are hereby informed that there is **UNIT Test** of the subject **Data Structure using C++** on **25/02/2025** at **8.20 am-09.10 am**.

The test is of 20 Marks based on UNIT-I.

Attendance is compulsory to all.




(Mr. V.B. Pujari)

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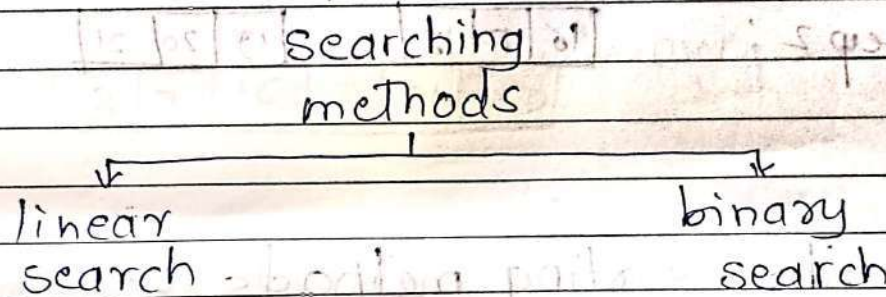


Q.1. Describe searching method and types with example.

→ Searching method:

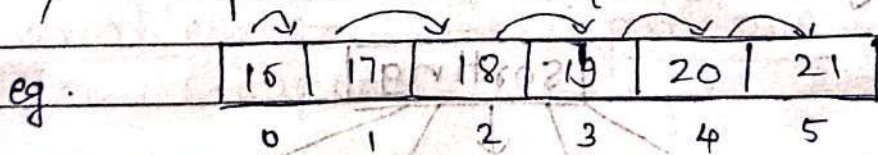
Searching method in datastructure is used to find a particular record in an array.

There are 2 approaches to search in searching method -



i) linear search

In linear search, The record is tried to find in a linear way. i.e by a particular sequence.



The every index is been looked upon linearly. Every index and elements are checked linearly to find the desired record.

ii) Binary search

Binary search use divide and conquer approach. Where a target element is set and using that targeted element, the record is found.

step 1:

16	17	18	19	20	26
----	----	----	----	----	----

 target = 18
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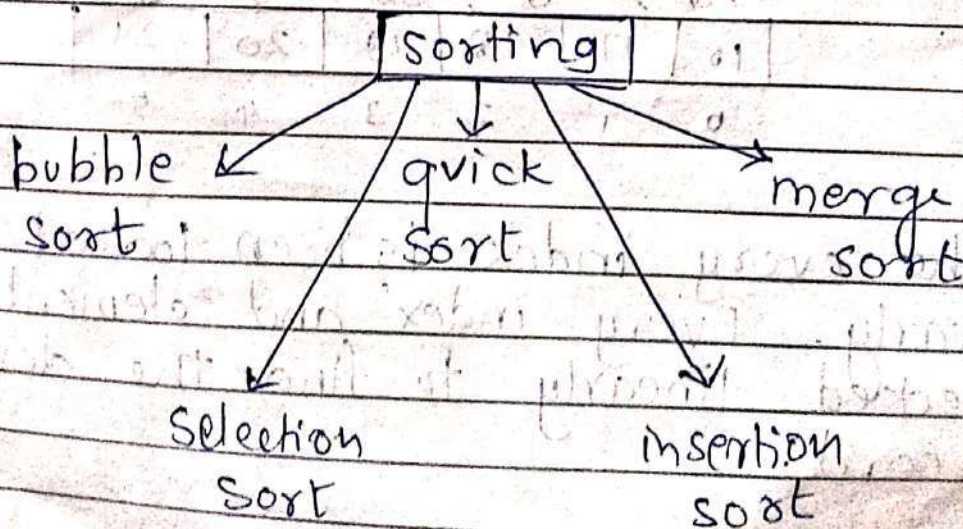
step 2:

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Q2 Describe sorting methods

Sorting methods are used to sort the elements in ascending or descending order.

There are basically 5 sorting methods namely -



i) Bubble sort :

In Bubble sort, the array elements are tried to sort in ascending or descending order.

In bubble sort, the adjacent elements are compared and swapped.

eg. 7 16 24 3 50 21 using bubble sort
The arrays are kept in ascending like below

3 7 16 17 24 50

ii) Insertion sort :

In insertion sort, some part of an array is considered sorted and

1. current variable is taken to sort

2. The remaining array stands. Then add the right element in the space

by comparing the element in current variable to the previous element and

then swapped.

iii) Selection sort :

In selection sort, half part or some part of an array is considered as sorted and the

unsorted part is run on a loop to find the minimum of the elements and

added one by one to the array and

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iv) Merge sort :

In merge sort, the divide & conquer technique is used and the elements in given array are sorted in a temporary array while stored

sorting the small divided parts (elements) where $e = st = \text{same element}$. Then going reverse to binding together the elements in a sorted way.

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In quick sort, there is a pivot is considered and mostly the last element is considered as pivot and the left part of pivot is stored which are lower in value than the pivot and right side of pivot is sorted with keeping the bigger elements than pivot.

This way the lower small elements (sorted) pivot + (larger elements) make a sorted array in ascending order.

Q.3 stack - Uses LIFO (Last in First out) eg - dishes

- 1) Push () → adds the element
- 2) Pop () → deletes the element
- 3) push-back → adds to the rear
- 4) push-front → adds element to the front
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- 6) pop-front → deleted from front
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Class : BCA II

Division : C

D.S.

Test-1

Sr. No.	Roll No.	Student Name	10/02/25	11/02/25	20/2	25/02	3/3	4/3
1	1411	MALI PARTI NILESH	Parti	Parti	Parti	Parti	Parti	Parti
2	1412	*PRANJAL PRASHANT MALI	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali
3	1413	*SANJANA SANTOSH MANE	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
4	1414	MANE MAHESH RAJARAM	AB	AB	AB	AB	AB	AB
5	1415	MANGAL RUGAVED UTTAM	AB	AB	AB	AB	AB	AB
6	1416	MITHARI VRUSHAB DINESH	20/2	20/2	20/2	20/2	20/2	20/2
7	1417	*SHARVARI SATYAJEET MOHITE	Sharvate	Sharvate	Sharvate	Sharvate	Sharvate	Sharvate
8	1418	MOKASHI UJEF ABIDHUSEN	AB	AB	AB	AB	AB	AB
9	1419	MORE PRASAD PRAMOD	AB	AB	AB	AB	AB	AB
10	1420	PRIYANSHU NILESH MORE	Pranish	Pranish	Pranish	Pranish	Pranish	Pranish
11	1421	MUJAWAR AMAN TOHID	Amant	Amant	Amant	Amant	Amant	Amant
12	1422	*MUJAWAR AYESHA AKHTAR	AB	AB	AB	AB	AB	AB
13	1423	MUJAWAR MAHAMADJAIID SHAKIL	Shaker	Shaker	Shaker	Shaker	Shaker	Shaker
14	1424	*MUJAWAR MAHEK IRFAN	AB	AB	AB	AB	AB	AB
15	1425	MUKADAM AABSHAR MOHAMMAD ABDUL GANI	Aabshar	Aabshar	Aabshar	Aabshar	Aabshar	Aabshar
16	1426	HARSHAD DILIP NAIK	AB	AB	AB	AB	AB	AB
17	1427	NAIK SHREYASH BALU	Shrik	Shrik	Shrik	Shrik	Shrik	Shrik
18	1428	NAIKWADI ATHIRVA SACHIN	SNV	SNV	SNV	SNV	SNV	SNV
19	1429	NANDAVADEKAR SOHAM VINOD	AB	AB	AB	AB	AB	AB
20	1430	*RASIKA CHANDRAKANT NARAKE	Rasika	Rasika	Rasika	Rasika	Rasika	Rasika
21	1431	NASHTE ADITYA VIVEK	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N	A.V.N
22	1432	NIKAM ADITYA TANAJI	AB	AB	AB	AB	AB	AB
23	1433	*PALANGE BHUMI SANGRAMSING	AB	AB	AB	AB	AB	AB
24	1434	*PANHALKAR SUHANA RAHIMATULLA	AB	AB	AB	AB	AB	AB
25	1435	PARMAJ ADITYA AMOL	AB	AB	AB	AB	AB	AB
26	1436	*PATEL MANSI SUBHASH	Manish	Manish	Manish	Manish	Manish	Manish
27	1437	*PATEL SHRUTI PARESH	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
28	1438	PATEL MOHAMMAD ABRAR BABASAHEB	AB	AB	AB	AB	AB	AB
29	1439	PATIL ABHIMANYU VIJAY	AB	AB	AB	AB	AB	AB
30	1440	PATIL ABHISHEK BALASO	AB	AB	AB	AB	AB	AB
31	1441	PATIL ADITYA MANISH	Manish	Manish	Manish	Manish	Manish	Manish
32	1442	*PATIL ALISHA RAVINDRA	Alishap	Alishap	Alishap	Alishap	Alishap	Alishap
33	1443	PATIL AMOL ASHOK	Amol	Amol	Amol	Amol	Amol	Amol
34	1444	PATIL ANIKET DHONDIBA	AB	AB	AB	AB	AB	AB
35	1445	*PATIL ASMITA UTTAM	AB	AB	AB	AB	AB	AB
36	1446	PATIL ATHARV CHETAN	Adharv	Adharv	Adharv	Adharv	Adharv	Adharv
37	1447	*PATIL DNYANESHWARI ANKUSHRAO	Adharv	Adharv	Adharv	Adharv	Adharv	Adharv
38	1448	*PATIL HARSHADA CHANDRAKANT	AB	AB	AB	AB	AB	AB
39	1449	PATIL KUNDAN MAHESH	KD	KD	KD	KD	KD	KD
40	1450	PATIL MAHESH DNYANDEV	AB	AB	AB	AB	AB	AB
41	1451	*PATIL MANDIRA UTTAM	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil
42	1452	*PATIL MINAKSHI PRAKASHI	AB	AB	AB	AB	AB	AB
43	1453	PATIL PARAS PRAKASHI	AB	AB	AB	AB	AB	AB
44	1454	*PATIL PAYAL ANANDA	Payal	Payal	Payal	Payal	Payal	Payal
45	1455	PATIL PREMRAJ SHIVAJI	AB	AB	AB	AB	AB	AB
46	1456	PATIL RUSHIKESH PARASGONDA	AB	AB	AB	AB	AB	AB
47	1457	*PATIL SAMIKSHA BANDOPANT	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha
48	1458	*SAMIKSHA SADASHIV PATIL	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha

Vivekanand College (An Empowered Autonomous), Kolhapur
Department of BCA

Notice

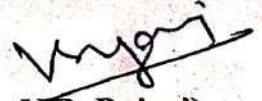
Date: 02/08/2024

All the students of BCA-III are hereby informed that there is **UNIT Test** of the subject **Computer Networks** on **05/08/2024** at **9.10 am-10.00 am**.

The test is of 20 Marks based on UNIT-I.

Attendance is compulsory to all.




(Mr. V.B. Pujari)

HOD

HEAD
DEPARTMENT OF B. C. A.
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

Q1 Explain network architecture in detail:

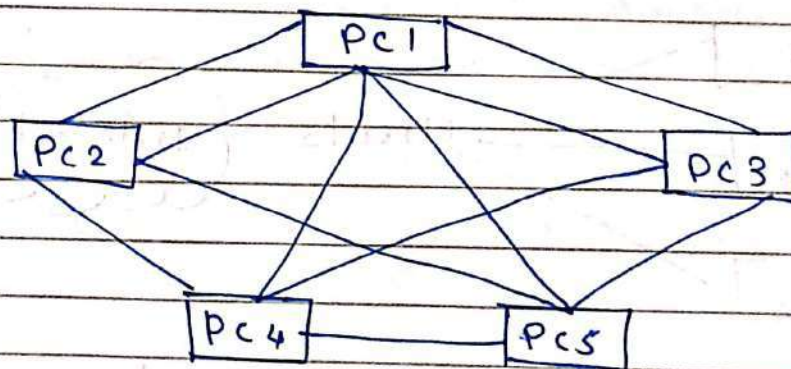
Computer network architecture is defined by the logical & physical designed of the software hardware protocols & media transmission of data. simply we can say that how computers are organized & how tasks are allocated to the computers.

There are two types of network architecture:

1] peer to peer network:

2] client server network:

1] Peer to Peer Network:



Peer to peer network is a network in which all the computers are linked together & equal privileges & responsibilities.

peer to peer network are useful for small environment usually up to the computers.

peer to peer network has no dedicated server special permission are assign to each computer for sharing the resources.

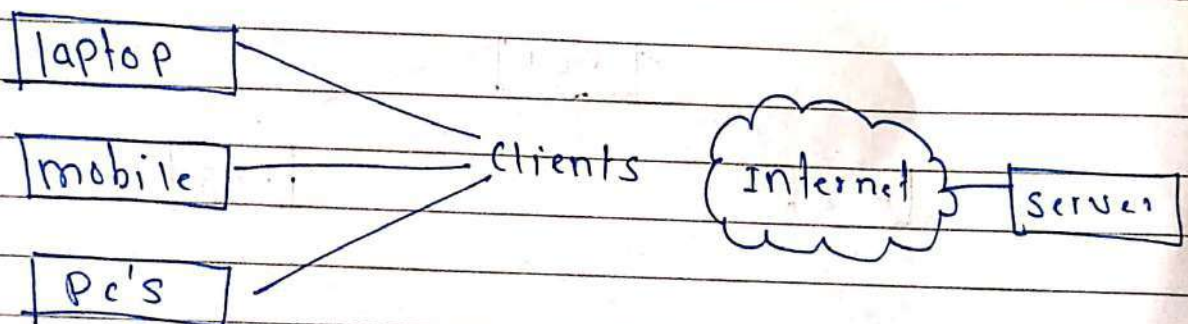
- Advantages:

- 1] It is less costly it has does not any dedicated Server.
- 2] It is easy to setup to maintain the computer will not stop working.

- Disadvantages:

- 1] In case peer to peer network does not contains centralized system.
- 2] It has security issues as devices it manages itself.

- 2] Client server Network:



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Client server network is a network model designed for the end users called clients to access the resources such as songs, videos, etc.

From central Controller is an server. while all others Computers in the network are called clients. A Server performs all the measures operations such as security & network management.

- Advantages:

- 1] A client network server contains the centralized system. therefore, we can backup the data easily.

2] Security is better in this network.

- Disadvantages:

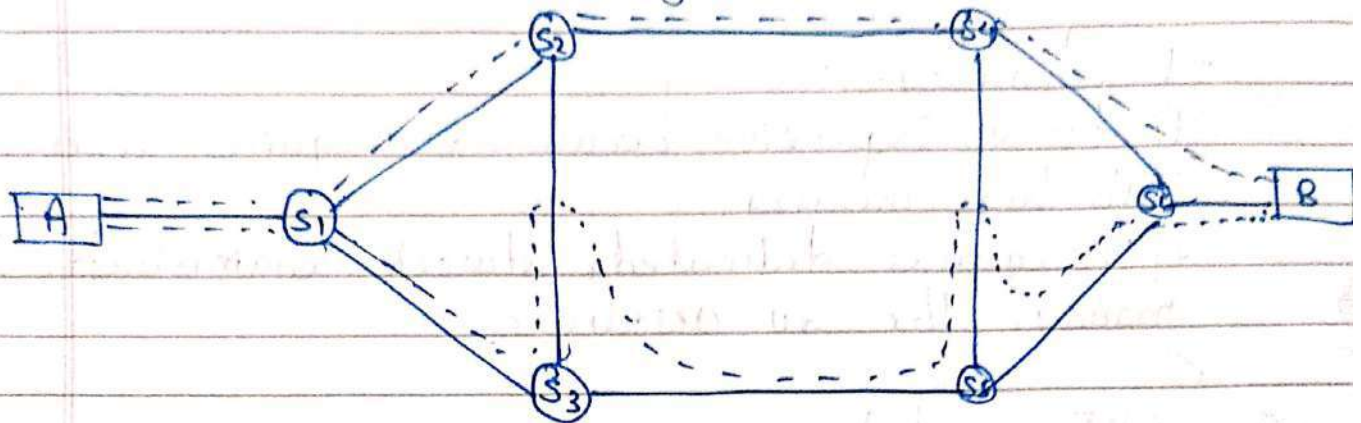
1] It is an expensive because it requires it server its large memory.

2] It requires dedicated network administrator to manage the all resources.

Q2 Difference between:

Circuit switching	Packet switching
1] In this switching there are 3 phases. 1] Connection establishment 2] Data transfer 3] Connection released	1] In packet switching directly data pass transfer take place.
2] In delay between data units in circuit switching uniform	2] The data units in packet switching is not uniform
3] Circuit switching is more reliable	3] packet switching is less reliable.
4] It is not stored & forward techniques	4] It is stored & forward techniques.
5] Recording of packets is never possible.	5] Recording of packets possible.
6] call setup is required in circuit switching	6] no call setup is required in packet switching.

Q3 Explain message switching:



In the switching technique in which message is transfer as a complete unit & routed through intermediate nodes at which is stored & forwarded. The destination address is appended to the message. message switching provides a dynamic routing.

Each & every nodes stored the entire message & then forwarded in to the next node. this type of N/w is known as stored & forward network.

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- Advantages:

- 1] Data Channels & shared among the Communication device.
- 2] message priority can be use to manage N/w

- Disadvantage:

- 1] The message switching must be equipped with sufficient storage to enable them.
- 2] The long delay can occur due to the storing and forwarding facility provided by the message switching technique.

Seat No	Name of the student	sign
1198	Bhumi Palange	Bhumi
1241	Swaranjali B. Patil	Patil
-	Namrata R. Patil	Patil
1202	Mansi Patel	Mansi Patel
1218	Minakshoo Patil.	Mip. Patil
1318	Pratiksha B. patil.	Bpatil.
1233	shradha K. Patil.	Patil
1289	Snehal. N. Patil	SNPatil
1234	shreya. s. patil	Patil
1230	Sanskriti. S. Patil	Patil
1213	Dnyaneshwari A. Patil	Patil
1177	Sanjana Santosh Mane.	Sanjana
1236	Shruti S. patil	Patil
1176	Pranjal. P. Mali	Pranjal
1193	Rasika. C. Narake	Rasika
1160	Ishwari V. Kundalkar	Kundalkar
1163	Sanavi D. Kurane	Kurane
1180	Sharvari Mohite	Mohite
1203	Shruti Patel	Patil
1237	shubham. m. patil	Patil
1183	Priyanshu. N. More	More
1232	Sarah Santosh patil	Patil
1216	Mahesh D. patil	Patil
1186	Jaid Mijawar	Jaid
1188	AABSHAR MUKADAM	Aabshar
1179	Vrushab Mithari	V.M.
1190	Shreyash Nale	Nale
1211	Atharv patil	Atharv
1429	Karun Kambale	Karun

📅 Timestamp	📧 Email Address	# Score	Student Name (Surname/First Name/Middle Name)	📁 Division	# Roll Number
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3/7/2024 19:05:20	dombblekhani@gmail.com	7 / 25	Domb Iekhani chandrakant	A	1059
3/7/2024 19:05:22	hegadeyash616@gmail.com	6 / 25	Hegade Yash ajit	B	1083
3/7/2024 19:07:19	pranavkutawade15@gmail.com	7 / 25	Pranav Ramchandra Kutawade	C	1164
3/7/2024 19:07:35	kapurva200518@gmail.com	9 / 25	Kumbhar Apurva Guruprasad	B	1155
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3/7/2024 19:15:56	bhushanfarakate85@gmail.com	8 / 25	Farakate bhushan bhikaji	A	1060
3/7/2024 19:17:43	reena.robostorms@gmail.com	16 / 25	Angadi Reena John	A	1004
3/7/2024 19:18:16	dikshakolekar816@gmail.com	16 / 25	Kolekar Diksha Manoj	B	1152
3/7/2024 19:18:29	varadpatil290705@gmail.com	21 / 25	Patil Varad Rajendra	D	1246
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3/7/2024 19:19:27	dhanawadepragati459@gmail....	7 / 25	Dhanawade pragati shailendra	A	1056
3/7/2024 19:20:24	shubhya8080@gmail.com	16 / 25	Shubham mohan patil	C	1237
3/7/2024 19:20:25	vinayakylawade10@gmail.com	14 / 25	Yelawade Vinayak Ramchandra	D	1316
3/7/2024 19:20:27	tanveahdevpuje2005@gmail.c...	8 / 25	Devpuje Tanvesh Abhijeet	A	1054
3/7/2024 19:21:05	adityanashte8@gmail.com	21 / 25	Nashte Aditya Vivek	C	1194
3/7/2024 19:22:34	rutujamajgaonkar07@gmail.com	10 / 25	Majgaonkar Rutuja Ganesh	C	1173
3/7/2024 19:22:51	kupaleajit2803@gmail.com	22 / 25	Ajit sambhaji kupale	C	1161
3/7/2024 19:23:16	thoratsujal315@gmail.com	12 / 25	Thorat Sujal Amol	D	1326
3/7/2024 19:23:40	zayedathanikar@gmail.com	21 / 25	athanikar zayed harun	A	1007
3/7/2024 19:23:45	ayeshamujawar1239@gmail.c...	11 / 25	Ayesha Akhtar Mujawar	C	1185
3/7/2024 19:23:49	snehatkamble0005@gmail.com	11 / 25	Kamble Sneha Tukaram	B	1128
3/7/2024 19:24:00	dewardeadesh@gmail.com	19 / 25	Dewarde adesh Ananda	A	1055
3/7/2024 19:24:17	pratikshapatil945@gmail.com	12 / 25	Patil Pratiksha Bhivaji	D	1318
3/7/2024 19:24:27	prashatyadav197788@gmail.c...	18 / 25	Yadav Ankita Prashant	D	1311
3/7/2024 19:24:42	amrutask27@gmail.com	21 / 25	Amruta Sunil Kamat	B	1120
3/7/2024 19:24:49	jamsandekartanvi@gmail.com	20 / 25	Jamsandekar Tanvi Nilesh	B	1107
3/7/2024 19:25:18	sarangpatil373@gmail.com	14 / 25	Patil Sarang Santosh	C	1231
3/7/2024 19:25:27	Kengarashish8@gmail.com	12 / 25	Kengar ashish dattatray	B	1161
3/7/2024 19:25:36	devendrakamble465@gmail.com	11 / 25	Kamble Devendra Rajesh	B	1122
3/7/2024 19:25:45	sayyadshakera@gmail.com	13 / 25	Ayesha sayyad	D	1273
3/7/2024 19:26:01	alishapatil006@gmail.com	14 / 25	Patil Alisha Ravindra	C	1207
3/7/2024 19:26:02	amrutajogam@gmail.com	14 / 25	Jogam Amruta Anil	B	1110
3/7/2024 19:26:28	isanimahek@gmail.com	23 / 25	Isani Mahek Iqbal	B	1093
3/7/2024 19:26:30	rutyaswami3773@gmail.com	19 / 25	Swami Ruturaj Anant	D	1296
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3/7/2024 19:26:33	aarchisurve2@gmail.com	21 / 25	Surve Aarchi Vivek	D	1289
3/7/2024 19:26:38	patilparas7154@gmail.com	18 / 25	Paras Prakash Patil	C	1221
3/7/2024 19:26:43	desaiankita792@gmail.com	18 / 25	Desai Ankita Krishna	A	1049
3/7/2024 19:26:55	revatipbhosle@gmail.com	16 / 25	Hivrale Navika Tejas	B	1086
3/7/2024 19:27:10	sanjanatanwade1@gamil.com	7 / 25	Tanwade sanjana vinayak	D	1207
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3/7/2024 19:27:25	mitharivrushabh@gmail.com	16 / 25	Mithari Vrushabh Dinesh	C	1179
3/7/2024 19:27:36	riddhi.sayali11@gmail.com	23 / 25	Prabhudesai Riddhi Shardul	D	1257
3/7/2024 19:27:38	pallavihalwai@gmail.com	7 / 25	Halwai Shruti Dayanand	A	1077

📅 Timestamp	✉ Email Address	# Score	Student Name (Surname/First Name/Middle Name)	🗂 Division	# Roll Number
3/7/2024 19:27:42	handejyoti67@gmail.com	18 / 25	Hande Dipak Rangarav	A	1078
3/7/2024 19:27:46	shreyaj1906@gmail.com	12 / 25	Shreya prakash jadhav	B	1100
3/7/2024 19:27:51	srushteeekhatkar04@gmail.com	17 / 25	SRUSHTEE SURESH KHATKAR	B	1144
3/7/2024 19:27:52	mahavirdesai50@gmail.com	18 / 25	Desai Arihant Mahavir	A	1050
3/7/2024 19:27:59	dnyaneshwaripatil004@gmail.c...	12 / 25	Dnyaneshwari Ankushrao Patil	C	1213
3/7/2024 19:28:14	bandopantpatil12345@gmail.c...	13 / 25	Samiksha bandopant patil	C	1226
3/7/2024 19:28:16	chaitnyapotdar773@gamli.con	8 / 25	Chaitnya	D	1325
3/7/2024 19:28:16	maithiliadnaik@gmail.com	23 / 25	Adnaik Maithili Mansing	A	1002
3/7/2024 19:28:19	usmanparande@gmail.com	14 / 25	Aavej kadar parande	C	1200
3/7/2024 19:28:29	bhosalesunny488@gmail.com	13 / 25	Bhosale Sunny Suresh	A	1021
3/7/2024 19:28:32	Sligade72005@gmail.com	24 / 25	Ligade Swarnil Amol	C	1167
3/7/2024 19:28:32	magaratharav@gmail.com	16 / 25	Magar Atharv Sunil	C	1170
3/7/2024 19:28:42	pratikchougule9579@gamil.com	12 / 25	Chougule pratik prakash	A	1040
3/7/2024 19:28:50	ppoojaaadi@gmail.com	9 / 25	Adi pooja ashok	D	1332
3/7/2024 19:28:52	sakshisawant413@gmail.com	21 / 25	Sawant sakshi Anil	D	1272
3/7/2024 19:29:02	aarohiawate22@gmail.com	21 / 25	Aarohi Ajit Awate	A	1013
3/7/2024 19:29:03	sarthp1635@gmail.com	18 / 25	Patil Sarth Santosh	C	1232
3/7/2024 19:29:05	sairajvadam30@gmail.com	15 / 25	Vadamsairajmaruti	D	1305
3/7/2024 19:29:13	karanchougale142@gmail.com	10 / 25	Chougale Karan Krishnat	A	1031
3/7/2024 19:29:16	pratikshaturambe@gmail.com	6 / 25	Turambe Pratiksha Dattatray	D	1303
3/7/2024 19:29:17	harshdathorat009@gmail.com	24 / 25	Harshada anil thorat	D	1300
3/7/2024 19:29:17	patiluddhav68@gmail.com	15 / 25	Patil Uddhav Madhukar	D	1244
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3/7/2024 19:29:27	sonalilavhate3125@gmail.com	17 / 25	Lavhate Sonali Ravindra	C	1166
3/7/2024 19:29:30	samarthshivangi2005@gmail.c...	14 / 25	Shivangi samarth sunil	D	1283
3/7/2024 19:29:34	architachavan1@gamil.com	19 / 25	Chavan Archita Amit	A	1027
3/7/2024 19:29:34	swayamp015@gmail.com	7 / 25	Patil Swayam Nandkumar	D	1243
3/7/2024 19:29:35	kingstarx87@gmail.com	19 / 25	Shinge Atharva Dipakraj	D	1336
3/7/2024 19:29:35	salverohit591@gmail.com	9 / 25	SALVE ROHIDAS BHAUSAHEB	D	1265
3/7/2024 19:29:35	patilaniketd07@gmail.com	12 / 25	Patil Aniket Dhondiba	C	1209
3/7/2024 19:29:35	aasiyahajarat@gmail.com	19 / 25	Aasiya Amit Hajarat	A	1075
3/7/2024 19:29:36	vireshswami2409@gmail.com	8 / 25	Shankad Viresh Dhodayya	D	1274
3/7/2024 19:29:37	sanskrutipatil227@gmail.com	12 / 25	Patil Sanskruti Shivaji	C	1230
3/7/2024 19:29:40	sambodhikamble1385@gmail....	14 / 25	Kamble Sambodhi Ravindra	B	1126
3/7/2024 19:29:40	sanikapatil7264@gmail.com	19 / 25	Patil sanika vasant	D	1321
3/7/2024 19:29:45	samupatil1804@gmail.com	24 / 25	Patil Samruddhi Nandkumar	C	1228
3/7/2024 19:29:45	anjaliramarekar2005@gmail.c...	19 / 25	Arekar Anjali Ramchandra	A	1005
3/7/2024 19:29:46	riteshbhuimbar756@gmail.com	15 / 25	Bhuimbar ritesh raosaheb	A	1023
3/7/2024 19:29:47	ayan.inmadar6686@gmail.com	11 / 25	Inamdar ayan raju	B	1090
3/7/2024 19:29:47	juberinamdar216@gmial.com	18 / 25	Inamdar Juber Mahamad	B	1091
3/7/2024 19:29:48	shreyashnaik111@gmail.com	11 / 25	Naik shreyash balu	C	1190
3/7/2024 19:29:52	atigaresoham@gmail.com	10 / 25	Atigre Soham Sanjay	A	1008
3/7/2024 19:29:52	komalavdhutkumbhar68@gmai...	20 / 25	Kumbhar komal Dattatraya	B	1156
3/7/2024 19:29:52	khegadepranav@gmail.com	15 / 25	Khegade Pranav sandesh	B	1145
3/7/2024 19:29:53	prasadmore3031@gmail.com	15 / 25	More Prasad Pramod	C	1182
3/7/2024 19:29:53	deeyabhatia2005@gmail.com	19 / 25	Bhatia Deeya Ashwini	A	1018
3/7/2024 19:29:53	parthmali723@gmail.com	14 / 25	Mali Parth Nilesh	C	1175
3/7/2024 19:29:54	sahilchougale920@gmail.com	8 / 25	Chougale Sahil Sarjerao	A	1033

📅 Timestamp	✉ Email Address	# Score	Student Name (Surname/First Name/Middle Name)	📁 Division	# Roll Number
3/7/2024 19:29:55	dandavateomkar89@gmail.com	14 / 25	Dandavate Omkar Sambhaji	A	1045
3/7/2024 19:29:56	ugalenitin48@gmail.com	6 / 25	UGALE NITIN SHIVAJI	D	1304
3/7/2024 19:29:58	Rushikale1881@gmail.com	11 / 25	Kale Rushikesh Rajaram	B	1117
3/7/2024 19:30:01	harshaddnaik26@gmail.com	14 / 25	Naik Harshad Dilip	C	1189
3/7/2024 19:30:02	abhijitkhade170@gmail.com	6 / 25	Khade Abhijit pandit	B	1142
3/7/2024 19:30:04	pallavishinde22045@gmail.com	22 / 25	Pallavi Laxman Shinde	D	1278
3/7/2024 19:30:04	itsmeshravanid0119@gmail.com	14 / 25	Dafalapure Shravani Milind	A	1044
3/7/2024 19:30:05	Jadhavaarya9421@gmail.com	19 / 25	Jadhav Aarya Sunil	B	1094
3/7/2024 19:30:08	inshaattar25@gmail.com	19 / 25	Attar Insha Mansoor	A	1010
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3/7/2024 19:30:10	s46680545@gmail.com	17 / 25	Bhatari simran Dastagir	A	1017
3/7/2024 19:30:10	nikitakamble2032006@gmail.c...	15 / 25	Kamble Nikita Vikas	B	1124
3/7/2024 19:30:10	shattikote903@gmail.com	10 / 25	Hattikote Siddhi Sachin	B	1081
3/7/2024 19:30:11	kadamsuresh0371@gmail.com	12 / 25	Ankita Gajanan chopade	A	1029
3/7/2024 19:30:12	samruddhipatil970@gmail.com	17 / 25	Patil Samruddhi Rajaram	C	1229
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3/7/2024 19:30:14	swara0558.sp@gmail.com	13 / 25	Swaranjali Bajirao Patil	D	1241
3/7/2024 19:30:14	rushikeshgophan143@gmail.c...	12 / 25	Gophan Rushikeah Dipak	A	1072
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3/7/2024 19:30:40	singhvkashu@gmail.com	18 / 25	Singh Ashutosh Narendra	D	1284
3/7/2024 19:30:42	atharvbhosale83@gmail.com	9 / 25	Bhosale Atharv Nandkishor	A	1020
3/7/2024 19:30:44	akashchougale577@gmail.com	18 / 25	Chougale Akash Babaso	A	1030
3/7/2024 19:30:45	akashhakke4@gmail.com	12 / 25	Akash Shriram Hakke	A	1076
3/7/2024 19:30:45	sahiljamadar1223@gmail.com	13 / 25	Sahil shabbir jamadar	B	1104
3/7/2024 19:30:46	yash2004kamble@gmail.com	13 / 25	Kamble yash raghunath	B	1134
3/7/2024 19:30:46	sharvarimohite20@gmail.com	19 / 25	Mohite Sharvari Satyajeet	C	1180
3/7/2024 19:30:47	balekundrisai@gmail.com	20 / 25	Balekundri sai raju	A	1015
3/7/2024 19:30:48	patilshreyansh88@gmail.com	11 / 25	Patil shreyansh sunil	C	1235
3/7/2024 19:30:49	rvelhal67@gmail.com	9 / 25	Velhal Rushikesh Giridhar	D	1308
3/7/2024 19:30:50	rasikanarake1825@gmail.com	20 / 25	Narake Rasika Chandrakant	C	1193
3/7/2024 19:30:50	luckychamp2225@gmail.com	9 / 25	Yadav Aruna Ananda	D	1312
3/7/2024 19:30:52	ghatagehardik718@gmail.com	9 / 25	Ghatage hardik Dayanand	A	1066
3/7/2024 19:30:54	chaitanyajadhav4579@gmail.c...	15 / 25	jadhav chaitanya suhas	B	1095
3/7/2024 19:30:56	hegaledarshan10@gmail.com	9 / 25	Darshan Dadaso Hegale	B	1084
3/7/2024 19:30:56	abhijeetchougule2003@gmail.c...	11 / 25	Chougule Abhijeet Ravindra	D	1331
3/7/2024 19:30:57	mrudul12005@gmail.com	17 / 25	Mrudul Jayenadra Tibile	D	1301

📅 Timestamp	📧 Email Address	# Score	Student Name (Surname/First Name/Middle Name)	🗂 Division	# Roll Number
3/7/2024 19:30:59	abolikamble2005@gmail.com	15 / 25	Aboli manojkumar kamble	B	1121
3/7/2024 19:31:07	ruthvickkarajagiwork@gmail.c...	11 / 25	Karajagi Ruthvick Prashant	B	1135
3/7/2024 19:31:08	ankitakadam2845@gmail.com	18 / 25	Kadam Ankita Sagar	B	1112
3/7/2024 19:31:08	guravneha535@gmail.com	19 / 25	Gurav Neha Sandeep	A	1073
3/7/2024 19:31:08	prajwalshinde138@gmail.com	11 / 25	Shinde Prajwal Rajendra	D	1279
3/9/2024 7:31:25	asmitabhosale89@gmail.com	13 / 25	Bhosale asmita jivan	A	1019
3/9/2024 8:47:47	minaksheepatil504@gmail.com	8 / 25	Patil Minakshree Prakash	C	1218
3/9/2024 8:47:47	yashikasachdev307@gmail.com	14 / 25	Sachdev yashika rajesh	D	1262
3/9/2024 8:47:48	swaruppatil402@gmail.com	23 / 25	Swarup kakaso patil	D	1242
3/9/2024 8:47:50	shrutikasavant7@gmail.com	7 / 25	Savant shrutika Rajiv	D	1269
3/9/2024 8:47:53	kaushalsutar92@gmail.com	16 / 25	Kaushal Sutar	D	1292
3/9/2024 8:47:54	panhalkarsuhana34@gmail.com	17 / 25	Panhalkar suhana Rahimatulla	C	1199
3/9/2024 8:47:54	mansipatel5172@gmail.com	7 / 25	Patel Mansi Subhash	C	1202
3/9/2024 8:47:57	sakshisawant413@gmail.com	0 / 25	Sawant sakshi Anil	D	1272
3/9/2024 8:47:58	sushilrawool09@gmail.com	14 / 25	Rawool Sushil Manoj	C	1317
3/9/2024 8:48:02	rohitsuta984@gmail.com	10 / 25	Sutar Rohit Sambhaji	D	1295
3/9/2024 8:48:03	ruturajpowar2038@gmail.com	0 / 25	Powar	D	1255
3/9/2024 8:48:04	shrutitawade1607@gmail.com	12 / 25	tawade shruti subhash	D	1299
3/9/2024 8:48:06	harshvardhanp469@gmail.com	3 / 25	Patil Harshvardhan Vilas	D	1328
3/9/2024 8:48:07	adivedpathak09@gmail.com	14 / 25	Vedpathak Aditya Amar	D	1307
3/9/2024 8:48:07	mandaryekundi@gmail.com	14 / 25	Yekundi mandar mukund	D	1315
3/9/2024 8:48:12	amanmujawar177@gmail.com	14 / 25	Mujawar Aman Tohid	C	1184
3/9/2024 8:48:18	sohamnandavadekar35@gmail...	11 / 25	Soham Nandavadekar	C	1192
3/9/2024 8:48:19	pranjalmali2611@gmail.com	16 / 25	Mali Pranjal Prashant	C	1176
3/9/2024 8:48:41	rutikeshp4557@gmail.com	9 / 25	Pawar Rutikesh Ramchandra	D	1250
3/9/2024 8:48:42	madhurasutar1@gmail.com	19 / 25	Sutar Madhura Uday	D	1293
3/9/2024 8:48:43	reddiarnagaraj@gmail.com	5 / 25	Reddiyar nagaraj Varadharaj	D	1260
3/9/2024 8:49:08	piyushpowar872@gmail.com	10 / 25	Powar Piyush Vijay	D	1253
3/9/2024 8:50:12	shrutipatil1330@gmail.com	12 / 25	Patil Shruti Sardar	C	1236
3/9/2024 8:51:20	smiampatil0102@gmail.com	14 / 25	Patil Aaditya Manish	C	1206
3/9/2024 8:51:23	shwetashirgupe15@gmail.com	10 / 25	Shirgupe shweta amar	D	1282
3/9/2024 8:52:26	mansvisutar2607@gmail.com	15 / 25	SUTAR MANSVI MANOHAR	D	1294
3/9/2024 8:52:58	sadiyaathanikar@gmail.com	17 / 25	Athanikar Sadiya Nijam	C	1195
3/9/2024 8:53:27	sontakkenikita016@gmail.com	13 / 25	Sonatakke nikita sudhakar	D	1286
3/9/2024 8:54:47	prempatil3020@gmail.com	24 / 25	Premraj Shivaji Patil	C	1224
3/9/2024 9:03:26	sayalisankpal2004@gmail.com	5 / 25	Sankpal sayali dilip	D	1267
3/9/2024 9:40:19	amolpatil2812005@gmail.com	5 / 25	Amol Ashok Patil	C	1208
3/9/2024 9:44:58	vaibhavjamsandekar23@gmail...	22 / 25	Jamsandekar vaibhavi vinod	B	1108
3/9/2024 9:44:59	kurdukart@gmail.com	16 / 25	Kamble Tejas Hindurao	B	1132
3/9/2024 9:45:00	pranavkumbhar1409@gmail.c...	13 / 25	Kumbhar Pranav Shankar	B	1157
3/9/2024 9:45:19	kambletanu829@gmail.com	11 / 25	Kamble tanishka rohit	B	1131
3/9/2024 9:45:21	rohankamble2609@gmail.com	13 / 25	Kamble Rohan Laxman	B	1125
3/9/2024 9:45:21	rajnandankate2536@gmail.com	15 / 25	Rajnandan umesh kate	B	1139
3/9/2024 9:45:26	suhaskhutale9705@gmail.com	14 / 25	Suhas Krishna khutale	B	1148
3/9/2024 9:45:28	nayandeep00007@gmail.com	9 / 25	Kamble Nayandeep Dilip	B	1123
3/9/2024 9:45:29	kishorkakade1964@gmail.com	12 / 25	Kakade siddhi kishor	B	1114
3/9/2024 9:45:45	sadiyakhan2406@gmail.com	18 / 25	Khan sadiya kadirahmad	B	1143
3/9/2024 9:46:13	Komkar0803@gmail.com	0 / 25	Omkar Kolekar	B	1153
3/9/2024 9:46:33	shivrajkalange30@gmail.com	0 / 25	Kalange shivraj kamalakar	B	1116
3/9/2024 10:21:42	bargaleanurag@gmail.com	10 / 25	Anurag Satish Bargale	A	1016

📅 Timestamp	✉ Email Address	# Score	Student Name (Surname/First Name/Middle Name)	📁 Division	# Roll Number
3/9/2024 10:21:44	yashhasam0709@gmail.com	7 / 25	Hasam Yash Sandip	A	1080
3/9/2024 10:22:42	nirjarachougule8999@gmail.c...	11 / 25	Chougule nirjara Yogesh	A	1039
3/9/2024 10:22:58	dschavan2004@gmail.com	6 / 25	Chavan Diksha Subhash	A	1028
3/9/2024 10:24:11	aarybudhale@gmail.com	8 / 25	Budhale aary omkeah	A	1024
3/9/2024 10:24:27	autadeswayam072@gmail.com	7 / 25	Autade swayam shrikant	A	1012
3/9/2024 11:31:20	vinishagavali809@gmail.com	11 / 25	Gavali vinisha vidyadhar	A	1064
3/11/2024 10:04:27	anirudhalad72@gmail.com	12 / 25	Anirudha amrut lad	C	1335
3/11/2024 10:06:45	saniyagadi06@gmail.com	15 / 25	Gadivaddar Saniya Durgappa	A	1061
3/11/2024 10:09:50	kuranesanavi@gmail.com	15 / 25	Kurane Sanavi Dattatray	C	1163
3/11/2024 10:10:02	bhumipalange@gmail.com	14 / 25	Palange Bhumi Sangramsinh	C	1198
3/11/2024 10:10:13	samikshapatil2608@gmail.com	10 / 25	Samiksha sadashiv patil	C	1227
3/11/2024 10:10:18	mandirauattampatil@gmail.com	10 / 25	Mandira Uttam Patil	C	1217
3/11/2024 10:10:35	rajpatel19504@gmail.com	17 / 25	Patel Shruti Paresh	C	1203
3/11/2024 11:03:16	vedikachougale1600@gmail.c...	16 / 25	Chougale vedika krushnat	A	1035
3/11/2024 11:03:21	rohinidaddekar@gmail.com	21 / 25	Daddekar Rohini Sunil	A	1043
3/11/2024 11:15:37	repemadhura@gmail.com	18 / 25	Repe Madhura Prakash	D	1261
3/12/2024 10:14:47	krushnasalavi@gmail.com	9 / 25	Salavi Krushnat Mahadev	D	1263
3/12/2024 10:14:58	riyasawant088@gmail.com	12 / 25	Sawant riya arvind	D	1271
3/12/2024 10:15:17	pawarvanita404@gmail.com	8 / 25	Pawar ajay ganesh	D	1248
3/12/2024 10:15:23	dhairyashil4040@gmail.com	6 / 25	Shinde Dhairyashil Dhanaji	D	1277
3/12/2024 10:15:33	sanikashipecar69@gmail.com	9 / 25	Shipekar Sanika Ranjeet	D	1281
3/12/2024 10:15:36	pranavpawar9797@gmail.com	10 / 25	Pawar Pranav Sanjay	D	1249
3/12/2024 10:15:56	suryavanshiswanand7@gmail....	18 / 25	Suryavanshi swanand mahadev	D	1291
3/12/2024 10:15:58	surajyadrave71@gmail.com	14 / 25	yadrave suraj bhimgonda	D	1314
3/12/2024 10:16:32	harshvarma1030@gmail.com	4 / 25	Varma Harsh Suresh	D	1306
3/13/2024 7:32:22	basavarajsatakar4@gmail.com	12 / 25	Jatakar Basavaraj Somaning	B	1109
3/13/2024 7:40:56	siddhirajeshjadhav@gmail.com	20 / 25	Jadhav Siddhi Rajesh	B	1102
3/13/2024 8:05:01	hyderdesai2005@gmail.com	11 / 25	Desai Hyder Sultan	A	1053
3/13/2024 9:12:30	snehalkogale@gmail.com	20 / 25	Kogale Snehal Kumar	B	1150
3/13/2024 9:13:16	niruhiragond20@gmail.com	10 / 25	Hiragond Nirmita Laxman	B	1085
3/14/2024 8:38:35	karanchougule4906@gmail.com	14 / 25	Chougule Karan Ankush	A	1038
3/14/2024 8:38:40	chouguler943@gmail.com	20 / 25	Chougule Rohit Ravsaheb	A	1042
3/14/2024 8:38:47	jayankurchougule@gmail.com	9 / 25	Chougule Jayankur Anil	A	1037
3/14/2024 8:40:02	rohanchougule775@gmail.com	9 / 25	Rohan Ramesh Chougule	A	1041
3/14/2024 10:04:00	snehalKum1816@gmail.com	10 / 25	Kumbhar snehal sunil	B	1159
3/14/2024 10:13:12	parthkhot005@gmail.com	12 / 25	Khot parth chandrakant	B	1146
3/14/2024 10:30:46	bhosaletarun07@gmail.com	11 / 25	Tarun Bhosale	A	1022
3/14/2024 11:40:06	jayjadhav47433@gmail.com	10 / 25	Jadhav jay Santosh	B	1096
3/14/2024 11:41:15	adannaharsh7227@gmail.com	14 / 25	Adanna Harshvardhan Sagar	A	1001
3/14/2024 12:32:23	siyakolate@gmail.com	14 / 25	Kolate siya kashinath	B	1151
3/14/2024 12:51:12	Pranavjamnik15@gmail.com	8 / 25	Jamnik Pranav Prakash	B	1106
3/14/2024 12:54:54	shubhamsanjayjadhav22@gma...	14 / 25	Shubham S. Jadhav	B	1101
3/15/2024 10:32:07	patilasmita650@gmail.com	0 / 25	Patil Asmita Uttam	C	1210
3/18/2024 10:13:23	pritamhubali2002@gmail.com	16 / 25	Hubali pritam sangappa	B	1087
3/18/2024 10:18:39	saikarande22@gmail.com	7 / 25	Karande sai shrikant	B	1136
3/18/2024 10:26:16	jadhavsakshi2704@gmail.com	7 / 25	Jadhav Sakshi Maruti	B	1098
3/18/2024 10:27:18	prarthanakavade30@gmail.com	5 / 25	Kavade prarthana akash	B	1140
3/18/2024 10:27:30	simranjamadar139@gmail.com	4 / 25	Jamadar Simran Sikandar	B	1105
		b			