

Enter the value of n= 4

1			
2	3		
4	5	6	
7	8	9	10

...Program finished with exit code 4

Press ENTER to exit console.

Enter the CIE marks out of 50:

Subject 1: 45

Subject 2: 40

Subject 3: 38

Subject 4: 42

Subject 5: 50

Enter the SEE marks out of 100:

Subject 1: 90

Subject 2: 88

Subject 3: 75

Subject 4: 81

Subject 5: 67

The Final Grade is: A

Enter the starting number: 2

Enter the ending number: 20

The prime numbers between 2 and 20 are:

2 3 5 7 11 13 17 19

Enter '1' for Cylinder
Enter '2' for Cone
Enter '3' for Sphere
Enter '0' to EXIT
Enter your response: 1

Enter the radius: 10
Enter the height:10

The AREA: 1256.000000
The VOLUME: 3140.000000
Calculation of Area & Volume :
Enter '1' for Cylinder
Enter '2' for Cone
Enter '3' for Sphere
Enter '0' to EXIT
Enter your response: 2

Enter the radius: 10
Enter the height:5

The AREA: 665.062683
The VOLUME: 523.333313
Calculation of Area & Volume :
Enter '1' for Cylinder
Enter '2' for Cone
Enter '3' for Sphere
Enter '0' to EXIT
Enter your response: 3

Enter the radius: 3
Enter the height:5

The AREA: 113.040001
The VOLUME: 113.040001
Calculation of Area & Volume :
Enter '1' for Cylinder
Enter '2' for Cone
Enter '3' for Sphere
Enter '0' to EXIT
Enter your response: 0

The following are the electives that can be chosen:

- 1: Internet of Things
- 2 : Advanced Java and J2EE
- 3 : Advanced Data Structures

Enter your choice: 1

Enter your name: raju

Enter your choice: 1

Enter your name: shyam

Enter your choice: 1

Enter your name: babu

Enter your choice: 1

Enter your name: kachra

Enter your choice: 2

Enter your name: nanji

Enter your choice: 2

Enter your name: tiwari

Enter your choice: 3

Enter your name: ram

Enter your choice: 3

Enter your name: laxman

Enter your choice: 3

Enter your name: sita

Enter your choice: 3

Enter your name: hanuman

The list of students opted for Internet of Things:

Number of students : 4

raju

shyam

babu

The list of students opted for Internet of Things:
Number of students : 4

raju
shyaam
babu
kachra

The list of students opted for Advanced Java and J2EE:
Number of students : 2

nanji
tiwari

The list of students opted for Advanced Data Structures:
Number of students : 4

ram
laxman
sita
hanuman

The number of students in Advanced Java and J2EE are less hence those students need to reselect their elective

The following are the electives that can be chosen:

- 1: Internet of Things
- 3 : Advanced Data Structures

Enter your choice: 1
Enter your name: nanji

Enter your choice: 3
Enter your name: tiwari

The list of students opted for Internet of Things:
Number of students : 5

raju
shyaam
babu

nanji
tiwari

The list of students opted for Advanced Data Structures:
Number of students : 4

ram
laxman
sita
hanuman

The number of students in Advanced Java and J2EE are less hence those students need to reselect their elective

The following are the electives that can be chosen:

1: Internet of Things
3 : Advanced Data Structures

Enter your choice: 1
Enter your name: nanji

Enter your choice: 3
Enter your name: tiwari

The list of students opted for Internet of Things:
Number of students : 5

raju
shyaam
babu
kachra
nanji

The list of students opted for Advanced Data Structures:
Number of students : 5

ram
laxman
sita
hanuman
tiwari

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