


1.

 "C:\Users\admin\Documents\pattern\_OOJ\_lab\bin\Debug\pattern\_OOJ\_lab.exe"

```
1
2 3
4 5 6
7 8 9 10
```

Process returned 0 (0x0) execution time : 0.088 s  
Press any key to continue.

2.

```
Enter the number of subjects details that you want:5
Please enter your CIE marks out of 50 for subject 1 : 45
Please enter your SEE marks out of 100 for subject 1 : 90
Please enter your CIE marks out of 50 for subject 2 : 45
Please enter your SEE marks out of 100 for subject 2 : 100
Please enter your CIE marks out of 50 for subject 3 : 35
Please enter your SEE marks out of 100 for subject 3 : 89
Please enter your CIE marks out of 50 for subject 4 : 47
Please enter your SEE marks out of 100 for subject 4 : 80
Please enter your CIE marks out of 50 for subject 5 : 35
Please enter your SEE marks out of 100 for subject 5 : 96
```

\*\*\*\*STUDENT GRADE SHEET \*\*\*\*

Your grade in subject 1 :S

\*\*\*\*STUDENT GRADE SHEET \*\*\*\*

Your grade in subject 2 :S

\*\*\*\*STUDENT GRADE SHEET \*\*\*\*

Your grade in subject 3 :B

\*\*\*\*STUDENT GRADE SHEET \*\*\*\*

Your grade in subject 4 :A

\*\*\*\*STUDENT GRADE SHEET \*\*\*\*

Your grade in subject 5 :A

Process returned 0 (0x0) execution time : 43.075 s

Press any key to continue.

3.

```
Calculate Area and Volume of different shapes
Menu:
1.Cylinder
2.Cone
3.Sphere
Press 0 for EXIT
1
Enter the radius:3
Enter the height:5
The Area of the Cylinder is 150.720001
The Volume of the Cylinder is 141.300003
Calculate Area and Volume of different shapes
Menu:
1.Cylinder
2.Cone
3.Sphere
Press 0 for EXIT
```

4.

```
Sorry the elective Internet of Things cannot be offered
Please select a choice from the other 3 Sharat
Please enter your choice of elective
1.Internet of things
2.Advanced Java
3.J2EE
4.Advanced Data Structures
1

students who have chosen Internet of Things:
student 1: Sharat
```

```
Please enter your choice of elective
1.Internet of things
2.Advanced Java
3.J2EE
4.Advanced Data Structures
1

students who have chosen Internet of Things:
student 1: Sharat

please enter the name of the student 2 :Kiran

Please enter your choice of elective
1.Internet of things
2.Advanced Java
3.J2EE
4.Advanced Data Structures
3

students who have chosen J2EE:
student 2: Kiran

*****
Number of students in Internet of Things: 1
Number of students in Advanced java: 0
Number of students in J2EE: 1
Number of students in Advanced Data Structures: 0
*****
```