```
PS C:\Users\talha\Documents\DSA Labs\Lab 2> cd
"c:\Users\talha\Documents\DSA Labs\Lab 2\"; if
($?) { g++ Q2.cpp -0 Q2 } ; if ($?) { .\Q2 }
Please enter the data for each student:
Student 1:
Subject 1: 90
Subject 2: 80
Subject 3: 70
Subject 4: 75
Student 2:
Subject 1: 76
Subject 2: 77
Subject 3: 78
Subject 4: 79
Student 3:
Subject 1: 23
Subject 2: 24
Subject 3: 25
Subject 4: 26
Student 4:
Subject 1: 87
Subject 2: 88
Subject 3: 99
Subject 4: 95
Student 5:
Subject 1: 10
Subject 2: 20
```

```
Student 5:
Subject 1: 10
Subject 2: 20
Subject 3: 30
Subject 4: 40
90 80 70 75
76 77 78 79
23 24 25 26
87 88 99 95
10 20 30 40
Student 1 Total: 315
Student 2 Total: 310
Student 3 Total: 98
Student 4 Total: 369
Student 5 Total: 100
Student 1 Average: 78
Student 2 Average: 77
Student 3 Average: 24
Student 4 Average: 92
Student 5 Average: 25
The topper is Student 4 with 369 marks!
PS C:\Users\talha\Documents\DSA Labs\Lab 2> [
```

```
PS C:\Users\talha\Documents\DSA Labs\Lab 2> cd
"c:\Users\talha\Documents\DSA Labs\Lab 2\" ; if
($?) { g++ Q3.cpp -0 Q3 } ; if ($?) { .\Q3 }
Enter students in Department 1: 3
Enter students in Department 2: 5
Enter students in Department 3: 7
Please enter the marks for each department:
Department 1:
Marks of Student 1: 99
Marks of Student 2: 98
Marks of Student 3: 75
Department 2:
Marks of Student 1: 56
Marks of Student 2: 58
Marks of Student 3: 89
Marks of Student 4: 67
Marks of Student 5: 45
Department 3:
Marks of Student 1: 10
Marks of Student 2: 20
Marks of Student 3: 30
Marks of Student 4: 40
Marks of Student 5: 50
Marks of Student 6: 60
Marks of Student 7: 70
99 98 75
56 58 89 67 45
10 20 30 40 50 60 70
```

```
99 98 75
```

56 58 89 67 45

10 20 30 40 50 60 70

Department 1 Total: 272 Department 2 Total: 315 Department 3 Total: 280

Department 1 Average: 90 Department 2 Average: 63 Department 3 Average: 40

The department with highest marks is Department 2 with 315 marks!

The department with lowest marks is Department 1 with 272 marks

PS C:\Users\talha\Documents\DSA Labs\Lab 2>