

```
jmgjtn-x3330q.7ydesktop$ cc 1.c -lm -o 1.exe && ./1.exe
Enter student count:66
not in range
Enter student count:1
not in range
Enter student count:34
61 37 45 76 66 71 100 53 12 44 29
3 60 53 73 93 64 56 11 13 36
23 82 61 83 9 40 89 7 25 12
34 28 57
```

student score calculator menu for 34 student

- 1) most successful student
- 2) most unsuccessful student
- 3) latter grade statistics
- 4) calculate average
- 5) show all data

make selection : 1

most successfully student:

index 7 :

score 100 :

letter grade A

student score calculator menu for 34 student

- 1) most successful student
- 2) most unsuccessful student
- 3) latter grade statistics
- 4) calculate average
- 5) show all data

make selection : 2

most unsuccessfully student :

index 12 :

score 3 :

latter grade F

student score calculator menu for 34 student

- 1) most successful student
- 2) most unsuccessful student
- 3) latter grade statistics
- 4) calculate average
- 5) show all data

make selection : 3

2 students got letter grade 'A'

3 students got letter grade 'B'

3 students got letter grade 'C'

5 students got letter grade 'D'

21 students got letter grade 'F'

student score calculator menu for 34 student

- 1) most successful student
- 2) most unsuccessful student
- 3) latter grade statistics
- 4) calculate average
- 5) show all data

make selection : 4

the average score of 34 students is 47.24

```

-----
student score calculator menu for 34 student
1) most successful student
2) most unsuccessful student
3) latter grade statistics
4) calculate average
5) show all data
                                make selection : 5
most successfully student:
index 7 :
score 100 :
letter grade A
most unsuccessfully student :
index 12 :
score 3 :
latter grade F
2 students got letter grade 'A'
3 students got letter grade 'B'
3 students got letter grade 'C'
5 students got letter grade 'D'
21 students got letter grade 'F'
the average score of 34 students is 47.24
-----

student score calculator menu for 34 student
1) most successful student
2) most unsuccessful student
3) latter grade statistics
4) calculate average
5) show all data
                                make selection : -1
jin@jin-X555UQ:~/Desktop$

```

```

jin@jin-X555UQ: ~/Desktop
3 60 53 73 93 64 56 11 13 36
23 82 61 83 9 40 89 7 25 12
34 28 57 76 94 27 42 13 5 52
42 8 11
-----

student score calculator menu for 44 student
1) most successful student
2) most unsuccessful student
3) latter grade statistics
4) calculate average
5) show all data
                                make selection : 0
false selection !!!
-----

student score calculator menu for 44 student
1) most successful student
2) most unsuccessful student
3) latter grade statistics
4) calculate average
5) show all data
                                make selection :

```

For the second part :

```

jin@jin-X555UQ: ~/Desktop
jin@jin-X555UQ:~/Desktop$ cc 2.c -lm -o 2.exe && ./2.exe
enter the number
21
the number must be between 23 and 98760
jin@jin-X555UQ:~/Desktop$ cc 2.c -lm -o 2.exe && ./2.exe
enter the number
32145
the fifth digit is 3
the fourth digit is 2
the third digit is 1
the second digit is 4
the first digit is 5
jin@jin-X555UQ:~/Desktop$

```