

HW02 SCREENSHOTS

PART 1:

```
nevra-VirtualBox: ~/Masaüstü
nevra@nevra-VirtualBox:~/Masaüstü$ gcc -c HW02part1.c
nevra@nevra-VirtualBox:~/Masaüstü$ gcc HW02part1.o -o HW02part1
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02part1
Enter student count:2
Not in range!
Enter student count:51
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 Menü For 34 Student
1)Most Successful Student
2)Most Unsuccessful Student
3)Letter Grade Statistics
4)Calculate Avarge
5)Show All
Make selection:0
False Selection!!
-----
Student Score Calculator Menü For 34 Student
1)Most Successful Student
2)Most Unsuccessful Student
3)Letter Grade Statistics
4)Calculate Avarge
5)Show All
Make selection:1
Most Successful Student:
Index:7
Score:100
Letter Grade:A
-----
Student Score Calculator Menü For 34 Student
1)Most Successful Student
2)Most Unsuccessful Student
3)Letter Grade Statistics
4)Calculate Avarge
5)Show All
Make selection:2
Most Unsuccessful Student:
Index:12
```

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarge
- 5)Show All

Make selection:2

Most Unsuccessful Student:

Index:12

Score:3

Letter Grade:F

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarge
- 5)Show All

Make selection:3

Letter Grade Statistics:

2 student got grade 'A'

3 student got grade 'B'

3 student got grade 'C'

5 student got grade 'D'

21 student got grade 'F'

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarge
- 5)Show All

Make selection:4

Calculate Avarge:

The average score of 34 students is:47.24

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarge
- 5)Show All

Make selection:5

nevravirtualbox: ~/Masaüstü

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarage
- 5)Show All

Make selection:4

Calculate Avarage:

The average score of 34 students is:47.24

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarage
- 5)Show All

Make selection:5

Show All:

Most Successful Student:

Index:7

Score:100

Letter Grade:A

Most Unsuccessful Student:

Index:12

Score:3

Letter Grade:F

Letter Grade Statistics:

2 student got grade 'A'

3 student got grade 'B'

3 student got grade 'C'

5 student got grade 'D'

21 student got grade 'F'

Calculate Avarage:The average score of 34 students is:47.24

Student Score Calculator Menü For 34 Student

- 1)Most Successful Student
- 2)Most Unsuccessful Student
- 3)Letter Grade Statistics
- 4)Calculate Avarage
- 5)Show All

Make selection:-1

nevravirtualbox:~/Masaüstü\$

INFORMATION ABOUT PART 1:

In Part 1 program takes the number of the students from keyboard between 3 and 50. After taking a number of the students, generates a random grade for each student (the number of the grades is equal to the number of the students). The grade is between 0 and 100. After the grades are generated, the program displays a menu until user enter -1 on menu selection. Also, the menu is shown after every selection.

PART 2:

```
nevra-VirtualBox: ~/Masaüstü
nevra@nevra-VirtualBox:~/Masaüstü$ gcc -c HW02_Nevra_Gurses_161044071_part2.c
nevra@nevra-VirtualBox:~/Masaüstü$ gcc HW02_Nevra_Gurses_161044071_part2.o -o HW02_Nevra_Gurses_16104071_part2
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:79045

The fifth digit is:7
The fourth digit is:9
The third digit is:0
The second digit is:4
The first digit is:5
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:999999
The number is not between 23 and 98760!
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:50

The second digit is:5
The first digit is:0
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:100

The third digit is:1
The second digit is:0
The first digit is:0
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:1040

The fourth digit is:1
The third digit is:0
The second digit is:4
The first digit is:0
nevra@nevra-VirtualBox:~/Masaüstü$ ./HW02_Nevra_Gurses_16104071_part2
Enter the number between 23 and 98760:22
The number is not between 23 and 98760!
nevra@nevra-VirtualBox:~/Masaüstü$ █
```

INFORMATION ABOUT PART 2:

In part 2 program finds all digits of a number which is entered from the keyboard (the number is between 23 and 98760).