HOMEWORK #02 SCREENSHOTS

HW 02 Part 1:

```
Please enter a number between 3 and 50:2
Not in range!!!
Please enter a number between 3 and 50:69
Not in range!!!
Please enter a number between 3 and 50:51
Not in range!!!
```

If user doesnt enter number between 3 and 50 then program will print "Not in range!!!".

```
Please enter a number between 3 and 50:34
81 89 15 50 36 40 100 82 42 52 24 9 55 87 78 11 100 23 46 96 52 71 24 76 49 20 21 85 26 87 33 6 41 48
Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                    Make Selection:0

False Selection!!!
```

If use doesnt select 1,2,3,4,5 then program will printf "False Selection!!!" and program will want a selection again.

```
Please enter a number between 3 and 50:34
23 26 42 35 47 79 51 27 67 14 45 20 88 30 44 73 39 50 55 65 84 27 87 93 13 15 2 9 42 12 29 65 4 72
Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:1

Most successfully student :
Index = 24
Score : 93
Letter Grade : A

Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:2

Most unsuccessfully student :
Index = 27
Score : 2
Letter Grade : F

Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:3

Letter Grade Statistics:
1 student got letter grade 'A'
3 student got letter grade 'B'
3 student got letter grade 'C'
3 student got letter grade 'D'
24 student got letter grade 'F'

Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:4

The average Score of 34 Student is 43.35
```

```
Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:5

Most successfully student :
Index = 8
Score : 94
Letter Grade : A

Most unsuccessfully student :
Index = 14
Score : 0
Letter Grade : F

Letter Grade Statistics:
2 student got letter grade 'A'
3 student got letter grade 'B'
2 student got letter grade 'C'
3 student got letter grade 'D'
24 student got letter grade 'F'

The average Score of 34 Student is 46.21
```

If user enters 1 then program will print information of most successfully student.
If user enters 2 then program will print information of most unsuccessfully student.
If user enters 3 then program will print letter grade statistics.
If user enters 4 then program will print average of grades.
If user enters 5 then program will print all data.

```
Student Score Calculator Menu For 34 Student
1) Most Successful Student
2) Most Unsuccessful Student
3) Letter Grade Statistics
4) Calculate Average
5) Show all Data
                        Make Selection:-1

ciko@ciko:~/Desktop$
```

If user enters -1 then program will be close.

HW 02 Part 2:

```
ciko@ciko:~/Desktop$ gcc -c hw22.c
ciko@ciko:~/Desktop$ gcc hw22.c -o exe2
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 21

This  number is not between 23 and 98760
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 22

This  number is not between 23 and 98760
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 24

The second digit is 2
The first digit is 4
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 127

The third digit is 1
The second digit is 2
The first digit is 7
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 1876

The fourth digit is 1
The third digit is 8
The second digit is 7
The first digit is 6
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 97541

The fifth digit is 9
The fourth digit is 7
The third digit is 5
The second digit is 4
The first digit is 1
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 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
ciko@ciko:~/Desktop$ ./exe2
Enter a number : 100000

This  number is not between 23 and 98760
ciko@ciko:~/Desktop$
```

If user enters number between 23 and 98760 then program will print all digits of number that user enter.

Otherwise, program will print "This number is not between 23 and 98760".