CSE 102 – Computer Programming
HW 02
Gökhan Has – 161044067

PART 1:

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                      gokhan@HAS: ~/Desktop

File  Edit  View  Search  Terminal  Help
gokhan@HAS:~/Desktop$ ./HW02part1
Enter student count > 2

Not in range!!
Enter student count > 51

Not in range!!
Enter student count > 34
  6    89    97    74    55    86    31    51     8    87
 45    18    85    69    70    76    55    93    23    78
 45     2    87    43    76    62    73    87    60    26
 87    18    67    84

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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                      Make Selection > 0

False Selection !!!

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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                      Make Selection > 1

Most Succesfully Student :
Index : 3
Score : 97
Letter Grade : A

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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                      Make Selection > █
```

Score : 97
Letter Grade : A

Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > 2

Most Unsuccesfully Student :
Index : 22
Score : 2
Letter Grade : F

Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > 3

2 student got letter grade 'A'
8 student got letter grade 'B'
6 student got letter grade 'C'
4 student got letter grade 'D'
14 student got letter grade 'F'

Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > 4

The Avarage Score of 34 Student is 59.21

Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection >

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gokhan@HAS: ~/Desktop

File  Edit  View  Search  Terminal  Help
8 student got letter grade 'B'
6 student got letter grade 'C'
4 student got letter grade 'D'
14 student got letter grade 'F'


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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > 4

The Avarage Score of 34 Student is 59.21

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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > 5

Most Succesfully Student :
Index : 3
Score : 97
Letter Grade : A

Most Unsuccesfully Student :
Index : 22
Score : 2
Letter Grade : F

2 student got letter grade 'A'
8 student got letter grade 'B'
6 student got letter grade 'C'
4 student got letter grade 'D'
14 student got letter grade 'F'

The Avarage Score of 34 Student is 59.21

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Students Score Calculator Menu for 34 Students
1-) Most Succesfull Student
2-) Most Unsuccesfull Student
3-) Letter Grade Statistics
4-) Calculate Average
5-) Show all Datas
                        Make Selection > -1
gokhan@HAS:~/Desktop$
```

PART 2:

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                          gokhan@HAS: ~/Desktop

 File  Edit  View  Search  Terminal  Help
gokhan@HAS:~/Desktop$ ./HW02_Gokhan_Has_161044067_part2
Enter the 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
gokhan@HAS:~/Desktop$ ./HW02_Gokhan_Has_161044067_part2
Enter the number > 265

The third digit is 2
The second digit is 6
The first digit is 5
gokhan@HAS:~/Desktop$ ./HW02_Gokhan_Has_161044067_part2
Enter the number > 12

Not in range !! (between 23 and 98760)
Enter the number > 45

The second digit is 4
The first digit is 5
gokhan@HAS:~/Desktop$ ./HW02_Gokhan_Has_161044067_part2
Enter the number > 5698

The fourth digit is 5
The third digit is 6
The second digit is 9
The first digit is 8
gokhan@HAS:~/Desktop$
```