Outputs:

1-UMS:

Option 1- Add student:

Enter Name : Ahmed

Enter Matric marks: 1060

Enter FSC marks: 470

Enter ECAT marks: 209

Student added.

press any key to continue...

Option 2- View added:

Name	SSC	FSc	Ecat	Aggregate			
Ali	1050	467	195	78.90209790209789			
umair	1042	462	166	76.11258741258742			
Ahmed	1060	470	209	80.43898601398601			
any key to continue							

Option 3- Top down sorted list:

	SSC 1060	 Ecat 209	Aggregate 80.43898601398601
Ali umair	1050 1042	 	78.90209790209789 76.11258741258742

Option 4- Bottom-up sorted:

Name	SSC	FSc	Ecat	Aggregate			
umair	1042	462	190	77.91258741258741			
Ahmed	1067	470	200	79.92307692307692			
Ali	1080	480	250	84.83391608391608			
Press any key to continue							

2 - odd OR divisible by 5(without list):

```
PS E:\semester 2\week 1> cd '.\Programming day\'
PS E:\semester 2\week 1\Programming day> python .\withoutlist.py
Enter First Number :2
Enter Second Number :3
Enter third Number :5
Enter Fourth Number :15
Enter Fifth Number :454
Enter Sixth Number :78
Enter Seventh Number :55
Enter Eigth Number :66
Enter Ninth Number: 76
Enter Tenth Number: 75
5
15
55
PS E:\semester 2\week 1\Programming day> [
```

3-Average:

```
#list
list1 = [2,4,3,1,9,7,8,6]

PS E:\semester 2\week 1\Programming day> python .\Average.py
Average value is : 5.0
```

4-Sum of Numbers(without LIST):

```
Enter First Number :1
Enter Second Number :2
Enter third Number :3
Enter Fourth Number :4
Enter Fifth Number :5
Enter Sixth Number :6
Enter Seventh Number :7
Enter Eigth Number :67
Enter Ninth Number :88
Enter Tenth Number :10
```

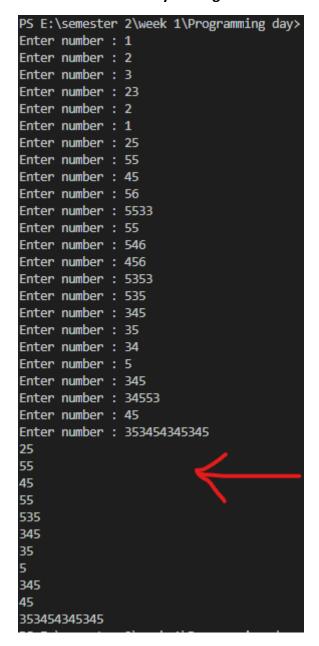
5-Sum of 20(using list):

```
PS E:\semester 2\week 1\Programming day> python .\sum0F20numbers.py
Enter number: 2
Enter number : 3
Enter number: 4
Enter number: 5
Enter number: 6
Enter number: 7
Enter number: 8
Enter number: 9
Enter number : 10
Enter number: 11
Enter number: 12
Enter number: 13
Enter number : 1
Enter number: 4
Enter number: 15
Enter number: 16
Enter number: 19
Enter number: 20
Enter number: 14
Sum of numbers is: 180
PS E:\semester 2\week 1\Programming day> ∏
```

6- 2nd largest:

```
Enter number : 1
Enter number : 2
Enter number : 3
... Enter number : 4
Enter number : 5
Enter number : 6
Enter number : 7
Enter number : 8
Enter number : 9
Enter number : 10
2nd largest is 9
```

7-ODD and divisible by 5 using list:



8-Greatest among 20 using list:

```
PS E:\semester 2\week 1\Programming day> python .\GreatestAmong20.py
Enter number : 1
Enter number: 2
Enter number: 3
Enter number: 4
Enter number : 5
Enter number: 6
Enter number: 7
Enter number: 8
Enter number: 9
Enter number: 10
Enter number: 12
Enter number: 45
Enter number: 67
Enter number: 44
Enter number: 32
Enter number: 68
Enter number: 43
Enter number: 32
Enter number: 56
Enter number: 234
Greates among 20 is 234
PS E:\semester 2\week 1\Programming day> [
```

9-copy list:

```
1  # list
2  list1 = ["ali", "", "khan", "ahmend", "", "Tanveer", ""]
PS E:\semester 2\week 1\Programming day> python .\copyLIST.py
['ali', 'khan', 'ahmend', 'Tanveer']
```