

```

1 # Question 1
2
3 # Girilen Sayilari tutacagiz
4 Number = []
5 # Sayilarin Toplami tutacagiz
6 Total = 0
7 for i in range(20):
8     x = int(input("{0}.SAYI GIRINIZ: ".format(i + 1)))
9     Number.insert(i, x)
10    Total = Total + int(x)
11    i += 1
12
13    maxValue = max(Number)
14    minValue = min(Number)
15    print("GIRILEN SAYILARIN BUYUGU= {0} ".format(maxValue))
16    print("GIRILEN SAYILARIN KUCUGU= {0} ".format(minValue))
17    print("GIRILEN SAYILARI= {0} ".format(Number))
18    print("GIRILEN SAYILARIN TOPLAM= {0:.2f} ".format(Total))
19    print("GIRILEN SAYILARIN ORTALMASI= {0:.2f} ".format(Total / len(Number)))
20

```

Sonuc:

```
"C:\Users\hp\Desktop\USBUSD\TensorFlow Project\venv\Scripts\python.exe" C:/Users/hp/Desktop/how/pyHw/question1.py
```

```

1.SAYI GIRINIZ: 10
2.SAYI GIRINIZ: 20
3.SAYI GIRINIZ: 30
4.SAYI GIRINIZ: 40
5.SAYI GIRINIZ: 50
6.SAYI GIRINIZ: 60
7.SAYI GIRINIZ: 70
8.SAYI GIRINIZ: 80
9.SAYI GIRINIZ: 90
10.SAYI GIRINIZ: 10
11.SAYI GIRINIZ: 10
12.SAYI GIRINIZ: 10
13.SAYI GIRINIZ: 10
14.SAYI GIRINIZ: 10
15.SAYI GIRINIZ: 10
16.SAYI GIRINIZ: 20
17.SAYI GIRINIZ: 20
18.SAYI GIRINIZ: 20
19.SAYI GIRINIZ: 30
20.SAYI GIRINIZ: 20
GIRILEN SAYILARIN BUYUGU= 90
GIRILEN SAYILARIN KUCUGU= 10
GIRILEN SAYILARI= [10, 20, 30, 40, 50, 60, 70, 80, 90, 10, 10, 10, 10, 10, 20, 20, 20, 30, 20]
GIRILEN SAYILARIN TOPLAM= 620.00
GIRILEN SAYILARIN ORTALMASI= 31.00

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Process finished with exit code 0
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```

1  # Question 2
2  import math
3  # e^1    >> math.exp(y)
4  x = 0
5  y = 0
6  # Toplama Tutacagiz
7  Total = 0
8  # X Icin Dongu
9  while (x < 100):
10     # Her x icin dongu tamamlayınca y sifirlariz
11     y = 0
12     # Y Icin Dongu
13     while (y < 100):
14         if (x > y):
15             Total = (x * math.exp(y))
16
17         elif (x < y):
18             Total = (y * math.sin(x))
19
20         else:
21             if x != 0:
22                 Total = (x / (math.log(y + 1)))
23             y += 1
24         x += 1
25
26 print(Total)
27

```

Sounc

"C:\Users\hp\Desktop\USBUSD\TensorFlow Project\venv\Scripts\python.exe" C:/Users/hp/Desktop/how/pyHw/Question2.py
21.497576854210962

Process finished with exit code 0

```

1  # Question 3
2
3  # Programların İsimleri tutacağız
4  Programs = []
5  # Birinci Programın Ratingler için
6  ProgramOneRatings = []
7  # İkinci Programın Ratingler için
8  ProgramTwoRatings = []
9  # Üçüncü Programın Ratingler için
10 ProgramThreeRatings = []
11
12 TotalOfProgramOne = 0
13 TotalOfProgramTwo = 0
14 TotalOfProgramThree = 0
15 for i in range(3):
16     x = input("{0}.PROGRAMI GIRINIZ: ".format(i + 1))
17     Programs.insert(i, x)
18     i += 1
19
20 j = 0
21 while j < 7:
22     y = int(input("1.PROGRAMIN {0}.GÜN RATING GIRINIZ: ".format(j + 1)))
23     ProgramOneRatings.insert(j, y)
24     TotalOfProgramOne = y + TotalOfProgramOne
25     j += 1
26
27 j = 0
28 while j < 7:
29     y = int(input("2.PROGRAMIN {0}.GÜN RATING GIRINIZ: ".format(j + 1)))
30     ProgramTwoRatings.insert(j, y)
31     TotalOfProgramTwo = y + TotalOfProgramTwo
32     j += 1
33
34 j = 0
35 while j < 7:
36     y = int(input("3.PROGRAMIN {0}.GÜN RATING GIRINIZ: ".format(j + 1)))
37     ProgramThreeRatings.insert(j, y)
38     TotalOfProgramThree = y + TotalOfProgramThree
39     j += 1
40
41 # print("GİRİLEN PROGRAMLARIN ADLAR:{0} ".format(Programs))
42
43 avgOfThirdProgram = TotalOfProgramThree / len(ProgramThreeRatings)
44 avgOfSecondProgram = TotalOfProgramTwo / len(ProgramTwoRatings)
45 avgOfFirstProgram = TotalOfProgramOne / len(ProgramOneRatings)
46
47 # Eğer birinci programın rating ortalaması baskalardan büyükse
48 if (avgOfFirstProgram > avgOfSecondProgram and avgOfFirstProgram > avgOfThirdProgram):
49     print("{0} Program".format(Programs[0]))
50 # Eğer ikinci programın rating ortalaması baskalardan büyükse
51 elif (avgOfSecondProgram > avgOfFirstProgram and avgOfSecondProgram > avgOfThirdProgram):
52     print("{0} Program".format(Programs[1]))
53 # Son ihtimal üçüncü program olur
54 else:
55     print("{0} Program".format(Programs[2]))
56

```

Sonuc

```
"C:\Program Files\Python36\python.exe" C:/Users/hp/Desktop/how/pyHw/Question3.py
1.PROGRAMI GIRINIZ: a
2.PROGRAMI GIRINIZ: b
3.PROGRAMI GIRINIZ: c
1.PROGRAMIN 1.GUN RATING GIRINIZ: 10
1.PROGRAMIN 2.GUN RATING GIRINIZ: 2
1.PROGRAMIN 3.GUN RATING GIRINIZ: 3
1.PROGRAMIN 4.GUN RATING GIRINIZ: 1
1.PROGRAMIN 5.GUN RATING GIRINIZ: 2
1.PROGRAMIN 6.GUN RATING GIRINIZ: 5
1.PROGRAMIN 7.GUN RATING GIRINIZ: 6
2.PROGRAMIN 1.GUN RATING GIRINIZ: 1
2.PROGRAMIN 2.GUN RATING GIRINIZ: 2
2.PROGRAMIN 3.GUN RATING GIRINIZ: 5
2.PROGRAMIN 4.GUN RATING GIRINIZ: 8
2.PROGRAMIN 5.GUN RATING GIRINIZ: 7
2.PROGRAMIN 6.GUN RATING GIRINIZ: 10
2.PROGRAMIN 7.GUN RATING GIRINIZ: 8
3.PROGRAMIN 1.GUN RATING GIRINIZ: : 9
3.PROGRAMIN 2.GUN RATING GIRINIZ: : 1
3.PROGRAMIN 3.GUN RATING GIRINIZ: : 2
3.PROGRAMIN 4.GUN RATING GIRINIZ: : 6
3.PROGRAMIN 5.GUN RATING GIRINIZ: : 8
3.PROGRAMIN 6.GUN RATING GIRINIZ: : 9
3.PROGRAMIN 7.GUN RATING GIRINIZ: : 4
b Program

Process finished with exit code 0
|
```