

Aim:

Write a Python program that defines a function with multiple return values to calculate sum, mean and maximum of the given list of numbers.

Input Format:

- A list of space-separated integers.

Output Format:

- The total sum of the integers.
- The mean (average) of the integers, rounded to two decimal places.
- The maximum value among the integers

Constraints:

- 0 < length of the list <= 100

Source Code:

multiplefun.py

```
def calculate_stats(lst):
    sum1=sum(lst)
    mean=round((sum1/len(lst)),2)
    Max=max(lst)
    return sum1,mean,Max
lst=[int(x) for x in input().split()]
a,b,c=calculate_stats(lst)
print(a);print(b);print(c)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
12 23 34 45 56 67 78 89
404
50.5
89

Test Case - 2
User Output
-23 -45 -56 -90 -12 -87
-313
-52.17
-12