+ Code + Text

```
#Mean

L=eval(input("Enter the list of Xi's :- "))
F=eval(input("Enter the list of Fi's :- "))

sF=sum(F)
M=0
for i in range(len(L)):
    M+=L[i]*F[i]

print("THE MEAN IS :-  ",M/sF)
```

```
     Enter the list of Xi's :- [1,2,3,4,5,6]
     Enter the list of Fi's :- [1,1,1,1,1,1]
     <class 'list'>
     THE MEAN IS :-   3.5
```

```
#Median for discrete data

L=eval(input("Enter the list of data :- "))
n=len(L)
avg=0.0
L.sort()
if n%2==0:
  avg=avg+((L[int((n/2)-1)]+L[(int(n/2)+1)-1])/2)
  print("THE MEDIAN IS :- ",avg)
else :
  avg=avg+(L[(int(n)/2)-1])
  print("THE MEDIAN IS :- ",avg)
```

```
     Enter the list of   [8, 5, 7, 10, 15, 21]
     THE MEDIAN IS :-  9.0
```

```
#Mode for discrete data

ctr=[]
L=eval(input("Enter the list of data :- "))
n=len(L)
for i in range(n):
  a=L.count(L[i])
  ctr.append(a)
x=max(ctr)
mode=ctr.index(x)
print("THE MODE IS :- ",L[mode])
```

```
     Enter the list of data :- [2,3,4,5,6,7,8,2,4,6,8,2,2,3,5,1,4,5,1,2,2,2,2,2]
     THE MODE IS :-  2
```