```
In [1]:  l=[99,86,87,88,111,86,103,87,94,78,77,85,86]
         def mean(l):
             mean=sum(l)/len(l)
             return mean
         print("mean is:",mean(l))
```

mean is: 89.76923076923077

```
In [2]:  def median(l):
             median=sorted(l)[len(l)//2]
             return median
         print("median is:",median(l))
```

median is: 87

```
In [4]:  def mode(l):
             mode=max(l,key=l.count)
             return mode
         print("mode is:",mode(l))
```

mode is: 86

```
In [5]:  def variance(data):
             n=len(data)
             mean=sum(data)/n
             deviation=[(l-mean)**2 for l in data]
             variance=sum(deviation)/n
             return variance
         variance([2,4,6,7,8,9,3,5])
```

Out[5]: 5.25

```
In [8]:  import math
         def variance(data):
             n=len(data)
             mean=sum(data)/n
             deviation=[(l-mean)**2 for l in data]
             variance=sum(deviation)/n
             return variance
         def stdev(data):
             var=variance(data)
             std_dev=math.sqrt(var)
             return std_dev
         stdev([2,4,6,7,8,9,3,5])
```

Out[8]: 2.29128784747792

```
In [ ]:
```