In [6]:
```
import numpy as np
a=np.loadtxt('testmarks1.csv',delimiter=',',skiprows=1,dtype=float)
print(a)
```

```
[[801.    43.05  27.79  28.7   27.79]
 [802.    43.47  28.52  28.98  27.89]
 [803.    42.24  28.16  28.16  25.63]
 [804.    39.24  26.16  26.16  26.16]
 [805.    40.9   26.03  27.27  25.65]
 [806.    39.47  26.31  26.31  25.21]
 [807.    41.68  25.63  27.79  25.46]
 [808.    42.19  27.61  28.13  26.21]
 [809.    44.75  28.35  29.83  28.21]
 [810.    46.95  28.88  31.3   28.53]]
```

In [9]:
```
b=np.loadtxt('testmarks2.csv',delimiter=',',skiprows=1,dtype=float)
print(b)
```

```
[[801.    28.48  34.18  30.56  22.23]
 [802.    28.1   33.72  30.68  22.82]
 [803.    26.16  31.39  28.2   22.53]
 [804.    26.16  31.39  28.78  20.93]
 [805.    26.1   31.32  28.22  20.82]
 [806.    25.45  30.54  27.73  21.05]
 [807.    26.16  31.39  28.01  20.51]
 [808.    27.44  32.93  28.83  22.08]
 [809.    28.63  34.35  31.03  22.68]
 [810.    30.35  36.42  31.38  23.1 ]]
```

In [10]:
```
print("Addition of A and B")
c=np.add(a,b)
print(c)
```

```
Addition of A and B
[[1602.     71.53   61.97   59.26   50.02]
 [1604.     71.57   62.24   59.66   50.71]
 [1606.     68.4    59.55   56.36   48.16]
 [1608.     65.4    57.55   54.94   47.09]
 [1610.     67.     57.35   55.49   46.47]
 [1612.     64.92   56.85   54.04   46.26]
 [1614.     67.84   57.02   55.8    45.97]
 [1616.     69.63   60.54   56.96   48.29]
 [1618.     73.38   62.7    60.86   50.89]
 [1620.     77.3    65.3    62.68   51.63]]
```

In [11]:
```
print("subtract of A and B")
c=np.subtract(a,b)
print(c)
```

```
subtract of A and B
[[ 0.   14.57 -6.39 -1.86  5.56]
 [ 0.   15.37 -5.2  -1.7   5.07]
 [ 0.   16.08 -3.23 -0.04  3.1 ]
 [ 0.   13.08 -5.23 -2.62  5.23]
 [ 0.   14.8  -5.29 -0.95  4.83]
 [ 0.   14.02 -4.23 -1.42  4.16]
 [ 0.   15.52 -5.76 -0.22  4.95]
 [ 0.   14.75 -5.32 -0.7   4.13]
 [ 0.   16.12 -6.   -1.2   5.53]
 [ 0.   16.6  -7.54 -0.08  5.43]]
```

In [19]:
```
print("Modulus of A and B")
c=np.mod(a,b)
print(c)
```

```
Modulus of A and B
[[ 0.   14.57 27.79 28.7   5.56]
 [ 0.   15.37 28.52 28.98  5.07]
 [ 0.   16.08 28.16 28.16  3.1 ]
 [ 0.   13.08 26.16 26.16  5.23]
 [ 0.   14.8  26.03 27.27  4.83]
 [ 0.   14.02 26.31 26.31  4.16]
 [ 0.   15.52 25.63 27.79  4.95]
 [ 0.   14.75 27.61 28.13  4.13]
 [ 0.   16.12 28.35 29.83  5.53]
 [ 0.   16.6  28.88 31.3   5.43]]
```

In [24]:
```
print("Multipliction of A and B")
c=np.multiply(a,b)
print(c)
```

```
Multipliction of A and B
[[6.4160100e+05 1.2260640e+03 9.4986220e+02 8.7707200e+02 6.1777170e+02]
 [6.4320400e+05 1.2215070e+03 9.6169440e+02 8.8910640e+02 6.3644980e+02]
 [6.4480900e+05 1.1049984e+03 8.8394240e+02 7.9411200e+02 5.7744390e+02]
 [6.4641600e+05 1.0265184e+03 8.2116240e+02 7.5288480e+02 5.4752880e+02]
 [6.4802500e+05 1.0674900e+03 8.1525960e+02 7.6955940e+02 5.3403300e+02]
 [6.4963600e+05 1.0045115e+03 8.0350740e+02 7.2957630e+02 5.3067050e+02]
 [6.5124900e+05 1.0903488e+03 8.0452570e+02 7.7839790e+02 5.2218460e+02]
 [6.5286400e+05 1.1576936e+03 9.0919730e+02 8.1098790e+02 5.7871680e+02]
 [6.5448100e+05 1.2811925e+03 9.7382250e+02 9.2562490e+02 6.3980280e+02]
 [6.5610000e+05 1.4249325e+03 1.0518096e+03 9.8219400e+02 6.5904300e+02]]
```

In [28]:
```
print("Mean of A")
c=np.mean(a)
print(c)
```

```
Mean of A
186.03499999999997
```

In [29]:
```
print("Mean of B")
c=np.mean(b)
print(c)
```

```
Mean of B
183.35659999999996
```

In [30]:
```
print("Max of A")
c=np.max(a)
print(c)
```

```
Max of A
810.0
```

In [31]:
```
print("Max of B")
c=np.max(b)
print(c)
```

```
Max of B
810.0
```

In [32]:
```
print("Average of A")
c=np.average(a)
print(c)
```

```
Average of A
186.03499999999997
```

In [33]:
```
print("Average of B")
c=np.average(b)
print(c)
```

```
Average of B
183.35659999999996
```

In [ ]:
```

```