```
In [1]:   path= r"C:\Users\admin\Documents\weather.xlsx"
          import pandas as pd
          weather=pd.read_excel(path)
          print(weather)
          mean1=weather.CHENNAI.mean()
          mean2=weather.TRICHY.mean()
          med1=weather.CHENNAI.median()
          med2=weather.TRICHY.median()
          mod1=weather.CHENNAI.mode()
          mod2=weather.TRICHY.mode()
          print(mean1,mean2)
          print(med1,med2)
          print(mod1,mod2)
          if(mean1>=mean2):
              print("Average of chennai is high")
          else:
              print("Average of trichy is high")
          var1=weather.CHENNAI.var()
          var2=weather.TRICHY.var()
          print(var1,var2)
          if(var1<var2):
              print("chennai is more consistent\nchennai is the best ")
          else:
              print("trichy is more consistent\nTrichy is the best")
          print("-------------------------------")
```

```
     CHENNAI  TRICHY
0         32      35
1         32      34
2         31      33
3         31      33
4         30      32
5         30      33
6         30      33
7         30      32
8         30      33
9         30      34
10        24      34
11        25      34
12        25      34
13        25      33
14        25      32
15        25      32
16        25      33
17        25      33
18        26      33
19        26      33
27.85 33.15
28.0 33.0
0    25
dtype: int64 0    33
dtype: int64
Average of trichy is high
8.449999999999998 0.6605263157894735
trichy is more consistent
Trichy is the best
-------------------------------
```

In [ ]: