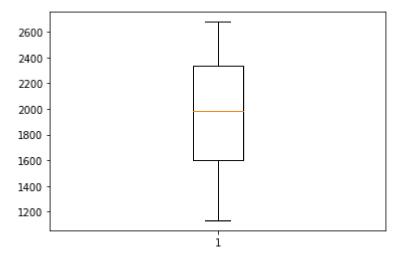
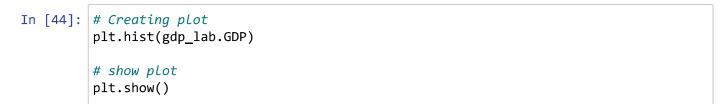
```
In [2]:
        import numpy as np
        import pandas as pd
        import statistics as st
        import matplotlib.pyplot as plt
        from scipy.stats import skew
        from scipy.stats import kurtosis
In [3]: |gdp_lab= pd.read_csv("GDP_BinhQuan.csv")
        gdp_lab
Out[3]:
             Year
                   GDP
          0 2009 1132.0
          1 2010 1234.0
          2 2011 1443.0
          3 2012 1655.0
          4 2013 1811.0
          5 2014 1952.0
          6 2015 2009.0
          7 2016 2115.0
          8 2017 2289.0
          9 2018 2490.0
         10 2019 2615.0
         11 2020 2679.0
In [4]: #Hàm Lấy số Lượng mẫu
        len(gdp_lab)
Out[4]: 12
In [5]: #Hàm tìm Lớn nhất
        min(gdp_lab.GDP)
Out[5]: 1132.0
In [6]: #Hàm tìm nhỏ nhất
        max(gdp_lab.GDP)
Out[6]: 2679.0
In [7]: #Tính trung bình
        st.mean(gdp_lab.GDP)
Out[7]: 1952.0
```

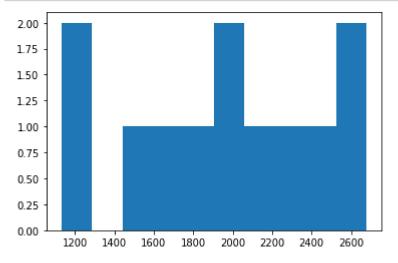
```
In [11]: #Tính Trung Vị
         st.median(gdp_lab.GDP)
Out[11]: 1980.5
In [12]: #Tính Phương sai
         st.variance(gdp_lab.GDP)
Out[12]: 268729.45454545453
In [13]: #Tính độ Lệnh chuẩn
         st.stdev(gdp_lab.GDP)
Out[13]: 518.3912176584925
In [14]: #Tính CV
         cv = st.stdev(gdp_lab.GDP)/st.mean(gdp_lab.GDP)
         \mathsf{CV}
Out[14]: 0.2655692713414408
 In [8]: skew(gdp_lab.GDP)
Out[8]: -0.14191111857131028
 In [9]: kurtosis(gdp_lab.GDP)
Out[9]: -1.127997700241863
In [39]: |np.quantile(gdp_lab.GDP,0.25)
Out[39]: 1602.0
In [41]: import matplotlib.pyplot as plt
```

```
In [43]: # Creating plot
plt.boxplot(gdp_lab.GDP)

# show plot
plt.show()
```







```
In [ ]:
```