In [11]:

```
import numpy as np
import pandas as pd
from scipy import stats
from matplotlib import pyplot as plt
import seaborn as sns
```

In [5]:

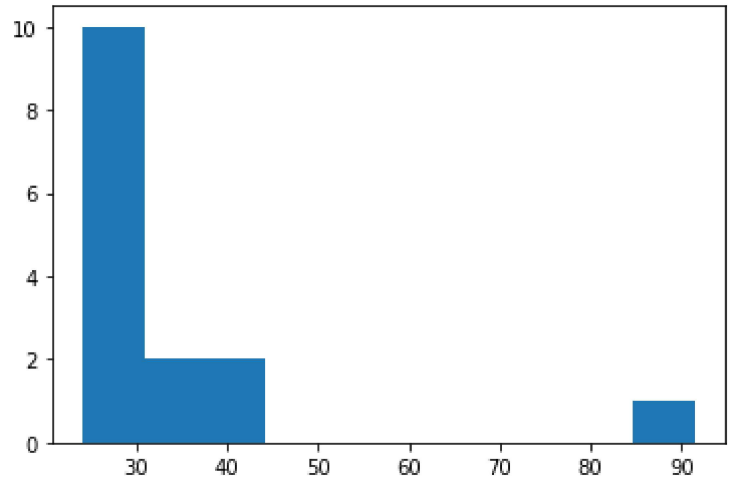
```
data=pd.Series([24.23,25.53,25.41,24.14,29.62,28.25,25.81,24.39,40.26,32.95,91.36,25.99,39.
data
```

Out[5]:

```
0     24.23
1     25.53
2     25.41
3     24.14
4     29.62
5     28.25
6     25.81
7     24.39
8     40.26
9     32.95
10    91.36
11    25.99
12    39.42
13    26.71
14    35.00
dtype: float64
```

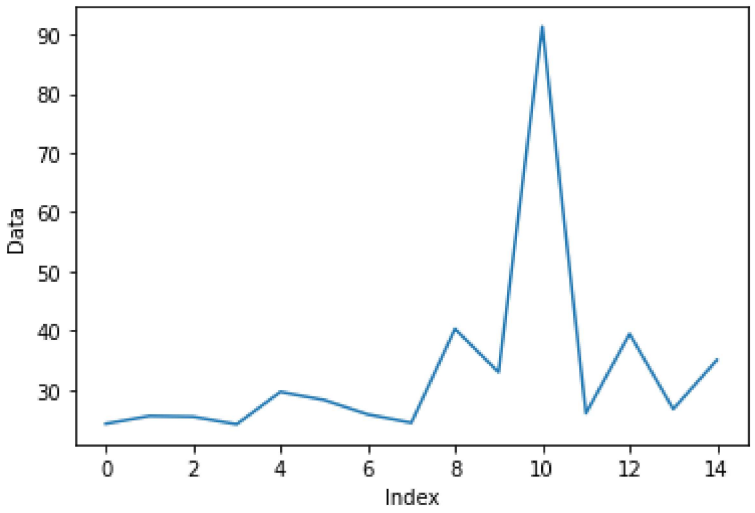
In [10]:

```
plt.hist(data)
plt.show()
```



In [14]:

```
plt.plot(data)
plt.xlabel('Index')
plt.ylabel('Data')
plt.show()
```



In [15]:

```
#Mean calculation
data.mean()
```

Out[15]:

```
33.27133333333333
```

In [16]:

```
#Variance calculation
data.var()
```

Out[16]:

```
287.1466123809524
```

In [17]:

```
#Standard deviation
data.std()
```

Out[17]:

```
16.945400921222028
```