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In [ ]: import matplotlib.pyplot as plt
import pandas as pd
```

```
In [ ]: df = pd.read_csv('/content/StudentsPerformance.csv')
```

```
In [ ]: df.dropna(axis = 1,inplace = True)
df.head()
```

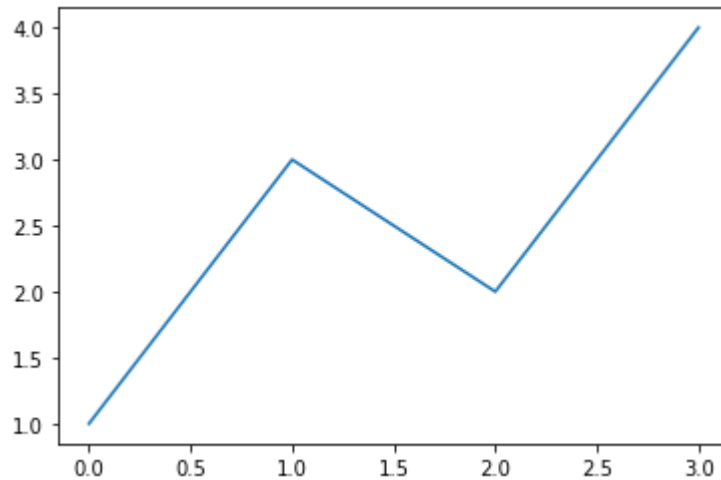
Out[4]:

	gender	race/ethnicity	parental level of education	lunch	test preparation course	math score	reading score	writing score
0	female	group B	bachelor's degree	standard	none	72	72	74
1	female	group C	some college	standard	completed	69	90	88
2	female	group B	master's degree	standard	none	90	95	93
3	male	group A	associate's degree	free/reduced	none	47	57	44
4	male	group C	some college	standard	none	76	78	75

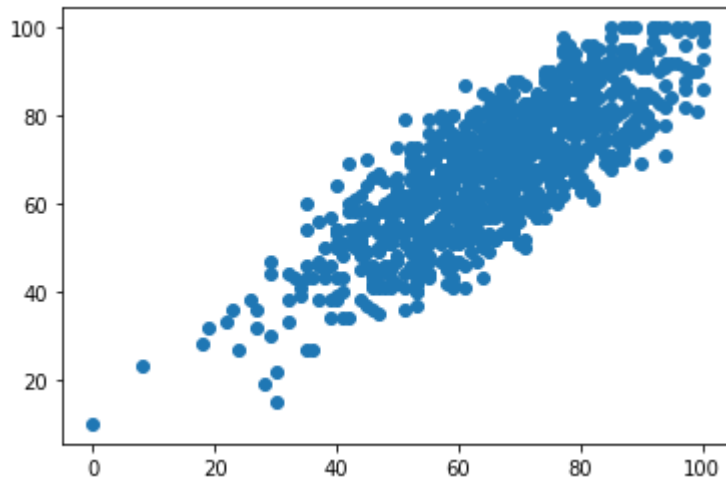
line plot

```
In [ ]: plt.plot([1,3,2,4])
plt.show
```

Out[5]: <function matplotlib.pyplot.show>

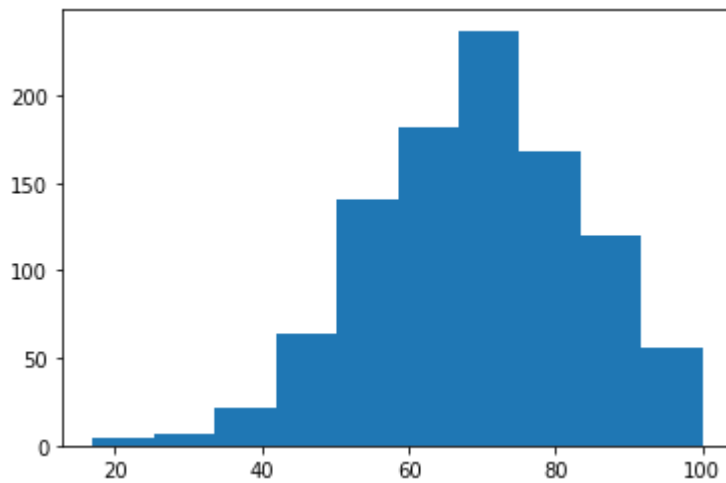


```
In [ ]: plt.scatter(x = df['math score'], y = df['writing score'])  
plt.show()
```

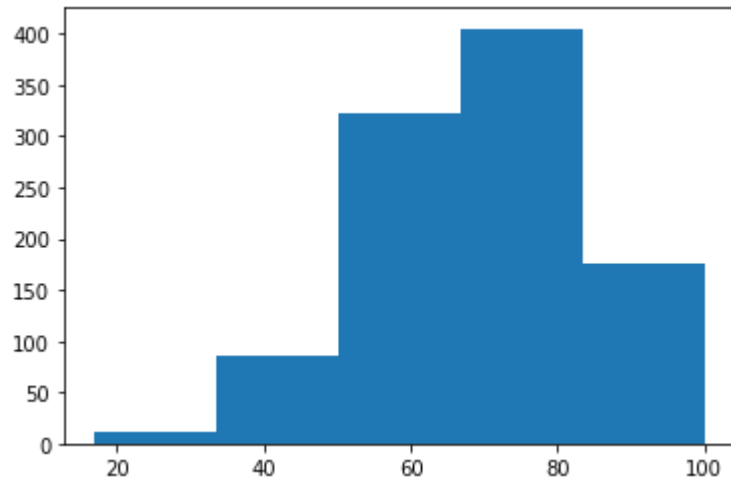


```
In [ ]: plt.hist(df['reading score'])
```

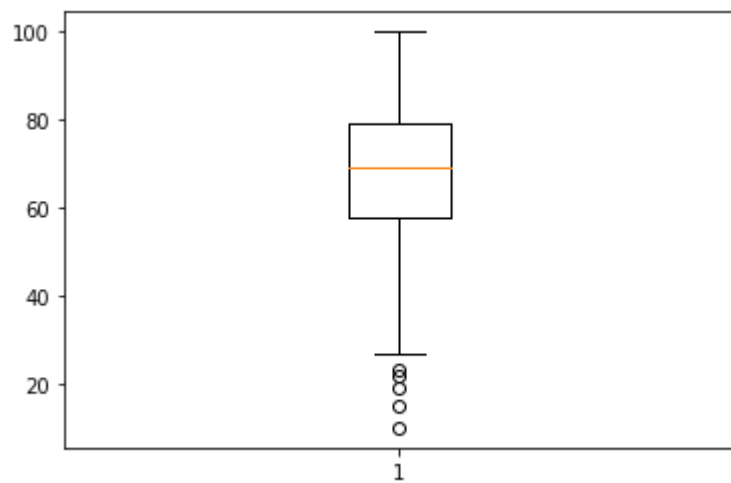
```
Out[13]: (array([ 4.,  7., 22., 64., 140., 182., 237., 168., 120., 56.]),  
          array([ 17., 25.3, 33.6, 41.9, 50.2, 58.5, 66.8, 75.1, 83.4,  
                  91.7, 100. ]),  
          <a list of 10 Patch objects>)
```



```
In [ ]: plt.hist(df['reading score'], bins = 5)
plt.show()
```



```
In [ ]: plt.boxplot(df['writing score'])
plt.show()
```



```
In [ ]: plt.scatter(x = df['math score'], y = df['writing score'] , color = 'yellow')
plt.xlabel('score in math')
plt.ylabel('score in writing')
plt.title('scatter plot between two scores')
plt.show()
```

