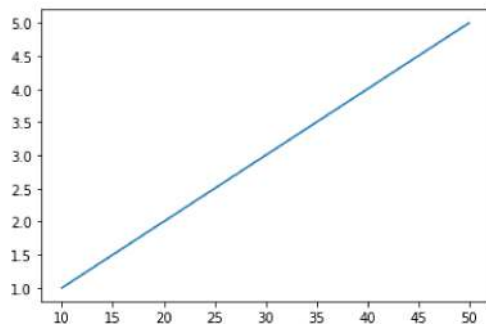


```
In [20]: #import Library matplotlib
import matplotlib.pyplot as plt
import numpy as np
import pandas as pd
```

```
In [19]: datax = [10,20,30,40,50]
datay = [1,2,3,4,5]

plt.plot(datax,datay)
plt.show()
```



```
In [21]: data = pd.read_csv('D:\\Data_siswa_unp.csv')
data.head()
```

Out[21]:

	Jurusan	Jumlah
0	TI	1000
1	SI	800
2	AK	1100
3	TE	500
4	MJ	2000

```
In [22]: data.shape
```

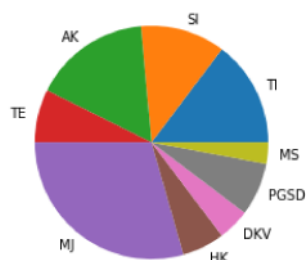
Out[22]: (9, 2)

```
In [23]: data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 9 entries, 0 to 8
Data columns (total 2 columns):
#   Column   Non-Null Count  Dtype
---  ---
0    Jurusan  9 non-null      object
1    Jumlah   9 non-null      int64
dtypes: int64(1), object(1)
memory usage: 272.0+ bytes
```

```
In [24]: jumlah = data["Jumlah"]
jurusan = data["Jurusan"]

plt.pie(jumlah,labels=jurusan)
plt.show()
```



In []: