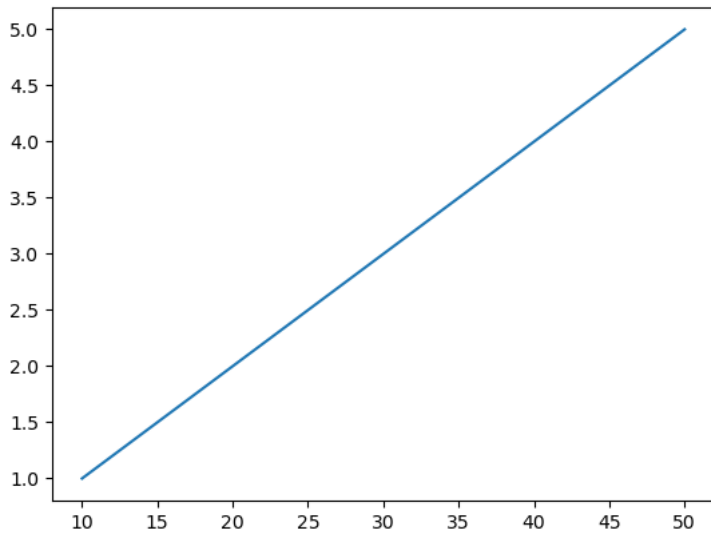


In [16]:

```
1 import matplotlib.pyplot as plt
2 import numpy as np
3 import pandas as pd
```

In [17]:

```
1 dataX = [10, 20, 30, 40, 50]
2 dataY = [1, 2, 3, 4, 5]
3
4 plt.plot(dataX, dataY)
5 plt.show()
```



In [18]:

```
1 data = pd.read_csv('Data_siswa_unp.csv')
2 data.head()
```

Out[18]:

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

In [19]:

```
1 data.shape
```

Out[19]:

(9, 2)

In [20]:

```
1 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 [21]:

```
1 jumlah = data["Jumlah"]  
2 jurusan = data["Jurusan"]  
3  
4 plt.pie(jumlah, labels=jurusan)  
5 plt.show()
```

