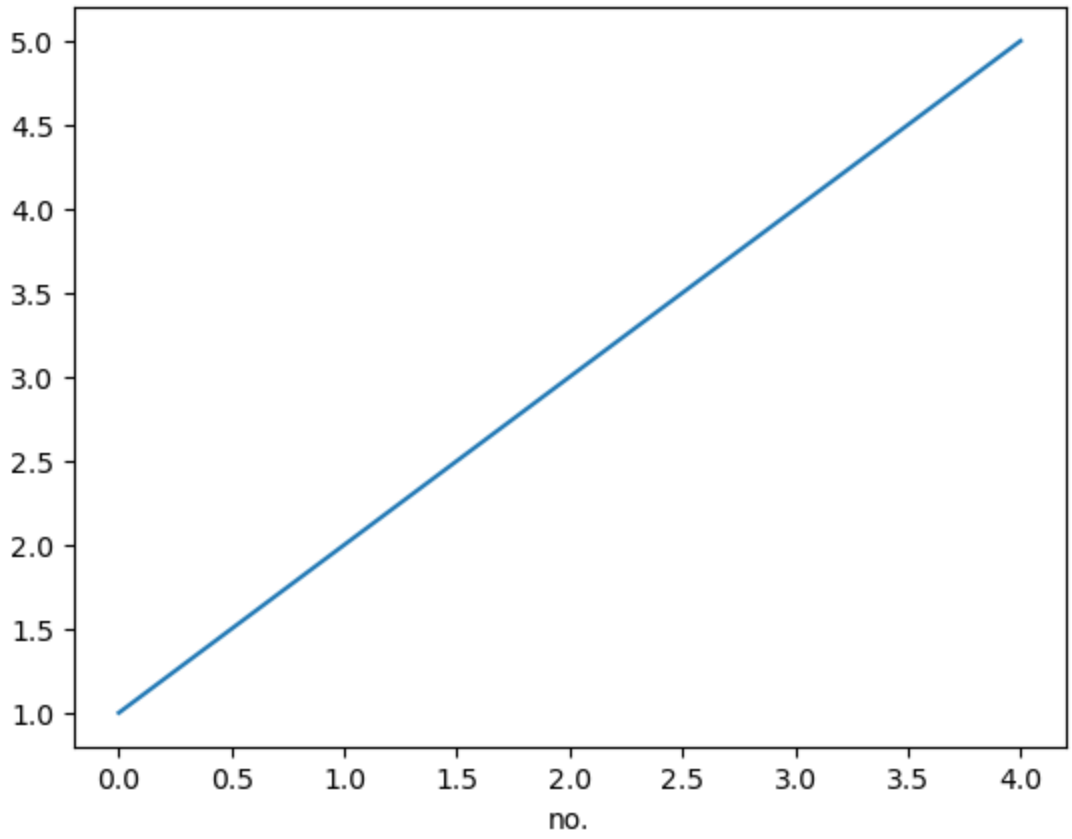
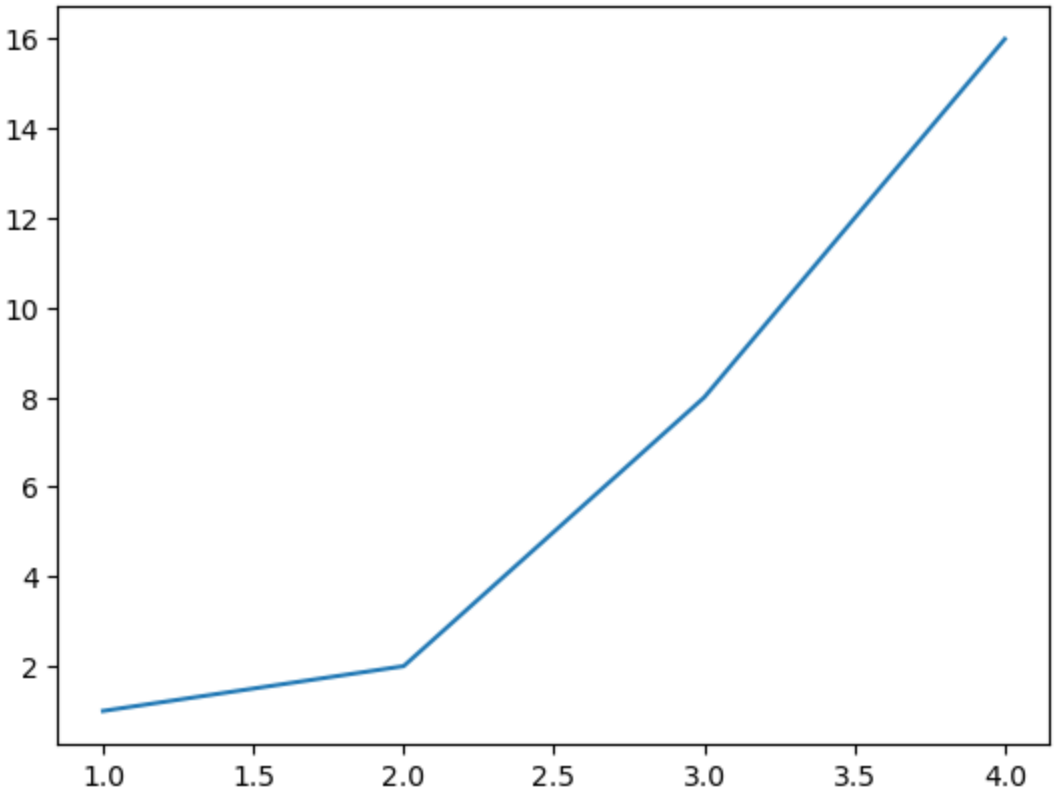
In [1]:
```
import numpy as np
import pandas as pd
```

In [2]:
```
import matplotlib.pyplot as plt
```

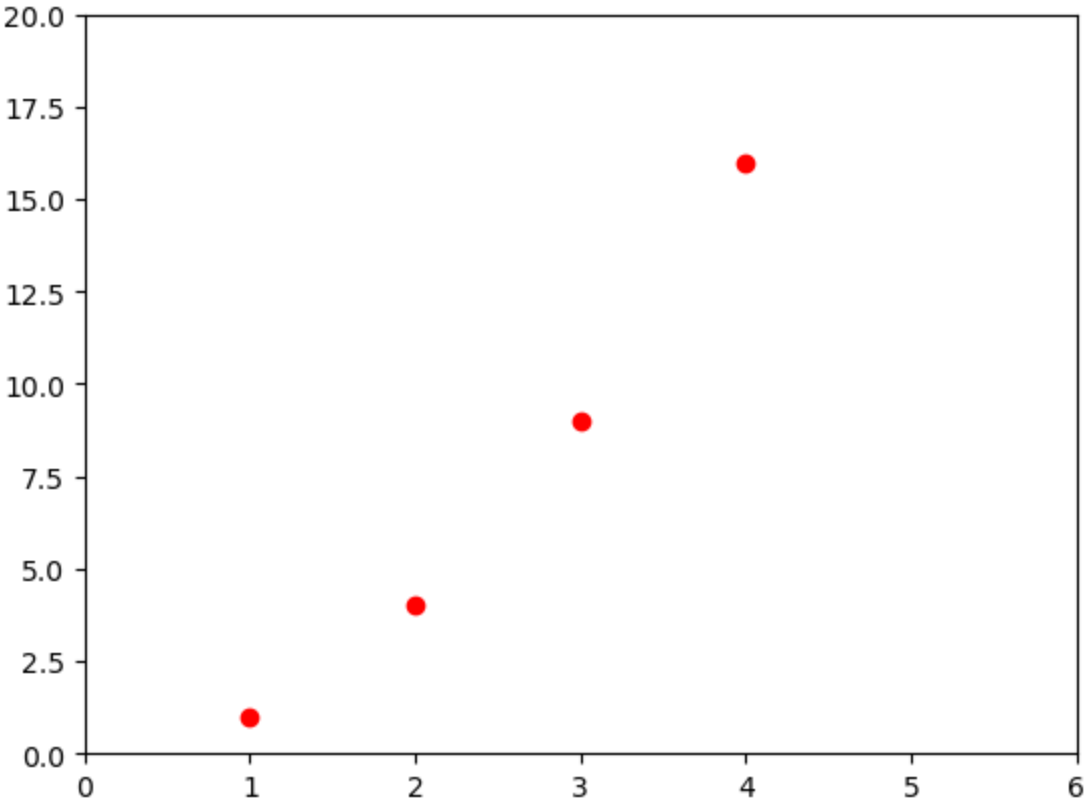
In [12]:
```
plt.plot([1,2,3,4,5])
plt.xlabel('no.')
plt.show()
```



In [9]:
```
plt.plot([1,2,3,4], [1,2,8,16])
plt.show()
```

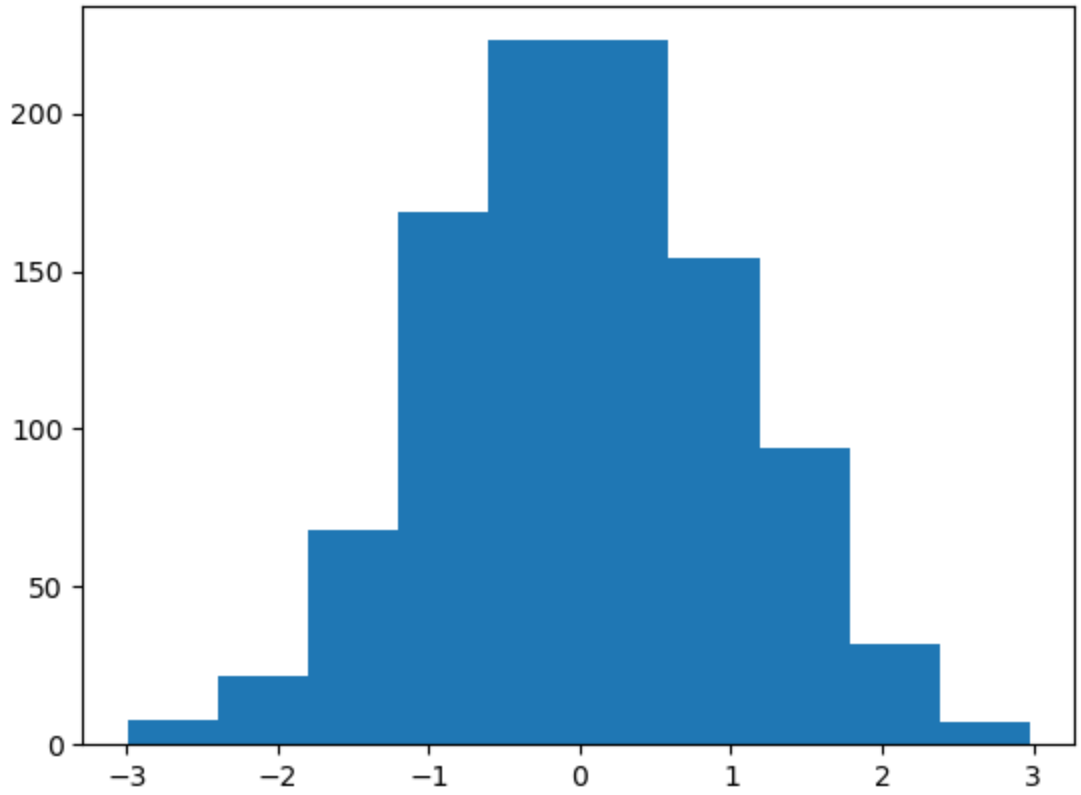


In [16]:
```
plt.plot([1, 2, 3, 4], [1, 4, 9, 16], 'ro')
plt.axis([0, 6, 0, 20])
plt.show()
```



In [17]:
```
data1 = np.random.randn(1000)
```

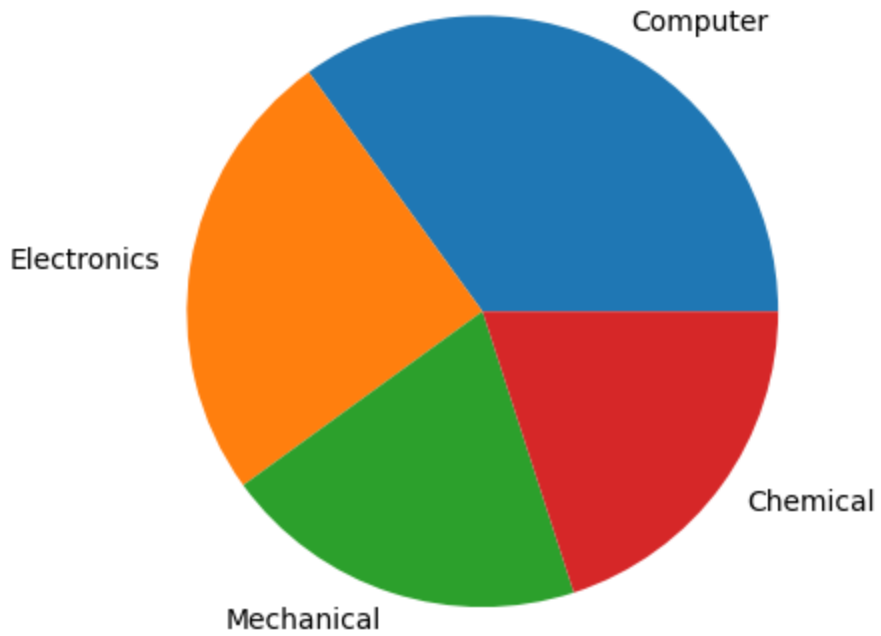
In [22]:
```
plt.hist(data1);
```



In [26]:
```
x10 = [35, 25, 20, 20]
labels = ['Computer', 'Electronics', 'Mechanical', 'Chemical']

plt.pie(x10, labels=labels);

plt.show()
```



In [ ]: