

```
import numpy as np
```

```
a = np.array([1,2,3])  
print(a)
```

```
b = np.array([(1,2,3) , (4,5,6)])  
print(b)
```

```
c = np.array([(1,2,3,4,5,6,7,8) , (9,10,11,12,13,14,15,16)])  
print(c)  
print(c[0,4]) (first row fourth element)
```

```
a = np.array([1,2,3,4,5,6,7,8,9,10])  
print(a[3:7]) (slicing 3-7 range)
```

```
a = np.array([1,2,3,4,5,6,7,8,9,10])  
print(a[3:7:2]) (slicing 3-7 range 2jump)
```

```
b = np.array([[1,2,3,4],[5,6,7,8]])  
#print(b)  
print(b[1][2]) (row,index)
```

```
b[1,1:5]
```

```
arr = np.arange(1,50)  
print(arr) (1-50 range print)
```

```
arr = np.arange(1,50)  
print(arr[0:50:2]) (1-50 range print 2jump)
```

```
arr = np.arange(0,100)  
print(arr[0:99:7]) (1-50 range print 7jump)
```