# ig6bbzs9x

October 17, 2024

## 1 Creation of Array

```
[1]: #Aim:Creation of 1D, 2D and multidimensional array (Data cube/OLAP)using numpy.
```

```
[1]: #Name: Ritika junekar
     #RolL no. :30
     #Sub : ET1
     #section:C
```

```
[3]: import numpy as np
```

```
[5]: a1=np.array([1000,2000,3000,4000,5000,6000])
```

```
[7]: a1
```

```
[7]: array([1000, 2000, 3000, 4000, 5000, 6000])
```

```
[9]: a2 = np.array([[1000, 2000, 3000, 4000, 5000, 6000],
                    [7000, 8000, 9000, 10000, 11000, 12000]])
```

```
[11]: a2
```

```
[11]: array([[ 1000,  2000,  3000,  4000,  5000,  6000],
             [ 7000,  8000,  9000, 10000, 11000, 12000]])
```

```
[13]: a3=np.array([['C1','C2','C3','C4'],
                   ['AA','BB','CC','DD'],
                   [1000,2000,3000,4000]])
```

```
[15]: a3
```

```
[15]: array([['C1', 'C2', 'C3', 'C4'],
             ['AA', 'BB', 'CC', 'DD'],
             ['1000', '2000', '3000', '4000']], dtype='<U11')
```

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