

# CREATION OF ARRAY

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

*#Name: Achal Chandure*

*#Roll no. :08*

*#Sub : ET1*

*#section:C*

*# Date:09/08/2024*

```
import numpy as np
```

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

a1

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

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

a2

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

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

a3

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