

Array creation

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In [1]: #Name : Vaibhav Laxman Karale  
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#sub:E.T.1  
#Section :3A  
#Date:27/07/2024
```

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In [1]: #Aim:Creation of 1D, 2D and multidimensional array (Data cube/OLAP)using numpy
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In [16]: import numpy as np
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In [17]: a1 = np.array([10, 20, 30, 40, 50])
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In [18]: a1
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```
Out[18]: array([10, 20, 30, 40, 50])
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In [19]: a2=np.array([[10,20,30,40],[60,70,80,90]])
```

```
In [20]: a2
```

```
Out[20]: array([[10, 20, 30, 40],  
                [60, 70, 80, 90]])
```

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In [21]: a3=np.array([[ 'R1', 'R2', 'R3', 'R4'],[ 'ABC', 'XYZ', 'PQR', 'EFG'],[40,55,64,22]])
```

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In [22]: a3
```

```
Out[22]: array([[ 'R1', 'R2', 'R3', 'R4'],  
                [ 'ABC', 'XYZ', 'PQR', 'EFG'],  
                [ '40', '55', '64', '22']], dtype='<U11')
```

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In [ ]:
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