

creation of array using numpy

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In [1]: 1 #Name : Achal Gajanan Ghorad  
2 #Roll no. 39  
3 #Section :3A  
4 #subject: E.T.1  
5 #Date:27/07/202
```

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In [4]: 1 #Aim:Creation of 1D, 2D and multidimensional array (Data cube/OLAP)using numpy
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In [3]: 1 import numpy as np
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In [5]: 1 a1 = np.array([10, 20, 30, 40, 50])
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In [6]: 1 a1
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```
Out[6]: array([10, 20, 30, 40, 50])
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In [7]: 1 a2=np.array([[10,20,30,40],[60,70,80,90]])
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In [8]: 1 a2
```

```
Out[8]: array([[10, 20, 30, 40],  
               [60, 70, 80, 90]])
```

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In [9]: 1 a3=np.array([['R1','R2','R3','R4'],['ABC','XYZ','PQR','EFG'],[40,55,64,22]])
```

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In [10]: 1 a3
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Out[10]: array([['R1', 'R2', 'R3', 'R4'],  
               ['ABC', 'XYZ', 'PQR', 'EFG'],  
               ['40', '55', '64', '22']], dtype='<U11')
```

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In [ ]: 1
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