

Creation Of Array Using Numpy

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In [1]: #Exp no.:5
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In [1]: #Aim: Creation Of 1D,2D and Multidimensional array (Data cube/OLAP)using numpy
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#Sec: 3B  
#Subject:ET - 1  
#Date: 02/08/2024
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In [3]: import numpy as np
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In [4]: a1 = np.array([10,20,30,40,50])
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In [5]: a1
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Out[5]: array([10, 20, 30, 40, 50])
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In [6]: a2 = np.array([[10,20,30,40],[60,70,80,90]])
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In [7]: a2
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Out[7]: array([[10, 20, 30, 40],  
               [60, 70, 80, 90]])
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In [8]: a3 = np.array([[ 'R1', 'R2', 'R3', 'R4'],[ 'ABC', 'XYZ', 'PQR', 'EFG'],[40,54,64,24]])
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In [9]: a3
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Out[9]: array([[ 'R1', 'R2', 'R3', 'R4'],  
               [ 'ABC', 'XYZ', 'PQR', 'EFG'],  
               [ '40', '54', '64', '24']], dtype='<U11')
```

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In [ ]:
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