

# Creation of Array

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In [2]: #Name: Yash Pravin Gadbail  
#Roll no. : 35  
#Sec: 3rd A  
#Sub : ET 1  
#Date:27/07/2024
```

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

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In [16]: a2=np.array([[50,60,30,80,20,90],[10,40,60,70,80,90]])
```

```
In [18]: a2
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```
Out[18]: array([[50, 60, 30, 80, 20, 90],  
                [10, 40, 60, 70, 80, 90]])
```

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In [20]: a3=np.array([[ 'P1', 'P2', 'P3', 'P4'],[ 'AAA', 'BBB', 'CCC', 'DDD'],[10,20,30,40]])
```

```
In [22]: a3
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```
Out[22]: array([[ 'P1', 'P2', 'P3', 'P4'],  
                [ 'AAA', 'BBB', 'CCC', 'DDD'],  
                [ '10', '20', '30', '40']], dtype='<U11')
```

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In [ ]:
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