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In [1]: #EXP_5
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In [2]: #Aim:To create 1D,2D, and Multidimensional array
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In [1]: #Name:Dev Sanjay Vaidya  
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#Subject:ET1  
#Sec:B  
#Date:21/08/2025
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In [4]: import numpy as np
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In [5]: #creating 1D array using numpy
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In [6]: a1=np.array([10,20,30,40,50])
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In [7]: a1
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Out[7]: array([10, 20, 30, 40, 50])
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In [8]: a2=np.array([[10,20,30,40],[60,70,80,90]])
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In [9]: a2
```

```
Out[9]: array([[10, 20, 30, 40],  
               [60, 70, 80, 90]])
```

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In [10]: #creating 2D array using matrix
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In [11]: a3=np.matrix('11 22;33 44;55 66')  
print(a3)
```

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[[11 22]  
 [33 44]  
 [55 66]]
```

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In [ ]:
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