```
In [1]: #Experiment:5
In [3]: #Aim:Creation Of Arrays Using Numpy

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In [5]: import numpy as np
```

Creating 1D Array Using Numpy

```
In [6]: a1=np.array([10,20,30,40,50])
In [7]: a1
Out[7]: array([10, 20, 30, 40, 50])
In [8]: print("Sum of all elements in 1D array:", np.sum(a1))
```

Sum of all elements in 1D array: 150

Creating 2D Array Using Numpy

Mean of 2D array: 40.0

Creating MultiD Array Using Numpy

Shape of 3D array: (3, 2)

Tn []: