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In [1]: # Experiment No:5
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In [2]: # Aim: Creation of Array using Numpy
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In [3]: # Name: Shravani Narendra Mahalle
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In [4]: # Class: 3rd year(B)
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In [5]: # Roll No: 17
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In [6]: # Date: 02/08/24
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In [7]: import numpy as np
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```
In [8]: arr=np.array([10,20,30,40,50])
```

```
In [9]: arr
```

```
Out[9]: array([10, 20, 30, 40, 50])
```

```
In [11]: arr2=np.array([[10,20,30,40,50],[12,54,54,23,29]])  
arr
```

```
Out[11]: array([10, 20, 30, 40, 50])
```

```
In [12]: arr=np.arange(1,5)
```

```
In [13]: arr
```

```
Out[13]: array([1, 2, 3, 4])
```

```
In [14]: print(arr[2:4])
```

```
[3 4]
```

```
In [15]: print(arr[:5])
```

```
[1 2 3 4]
```

```
In [16]: arr=np.array((1,2,3,4,5,6))
```

```
In [17]: arr
```

```
Out[17]: array([1, 2, 3, 4, 5, 6])
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```
In [18]: arr1=np.array((13,43,54,89,67))  
arr2=np.array((56,87,34,90,56))  
arr3=arr1+arr2
```

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In [19]: arr3
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Out[19]: array([ 69, 130,  88, 179, 123])
```

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In [ ]:
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