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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: Sakshi Padmakar Yeole
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In [4]: # Class:3rd year(B)
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In [5]: # Roll No:69
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In [6]: # Date: 3rd August 2024
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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 [13]: arr2=np.array([[10,20,30,40,50],[12,23,38,45,55]])  
arr2
```

```
Out[13]: array([[10, 20, 30, 40, 50],  
               [12, 23, 38, 45, 55]])
```

```
In [14]: arr=np.arange(1,5)
```

```
In [15]: arr
```

```
Out[15]: array([1, 2, 3, 4])
```

```
In [16]: print(arr[2:4])
```

```
[3 4]
```

```
In [17]: print(arr[:5])
```

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

```
In [18]: arr=np.array((1,2,3,4,5,6))
```

```
In [19]: arr
```

```
Out[19]: array([1, 2, 3, 4, 5, 6])
```

```
In [25]: arr1=np.array((13,43,65,23,78))  
arr2=np.array((23,45,64,12,98))  
arr3=arr1+arr2
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In [26]: arr3
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Out[26]: array([36, 88, 129, 35, 176])

In []:

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