NumPy Intersection & Difference:

- intersect1d()
- setdiff1d()

setdiff1d(): This method is uesd to find the element in any one array which is not there in another array.

In [1]:

```
import numpy as np
```

In [3]:

```
n1 = np.array([10,20,30,40,50,60])
n2 = np.array([50,60,70,80,90])
```

In [4]:

```
np.intersect1d(n1,n2)
```

Out[4]:

```
array([50, 60])
```

intersect1d(): This method is used to find the elements which are common to any two numpy array.

In [5]:

```
np.setdiff1d(n1,n2)
```

Out[5]:

```
array([10, 20, 30, 40])
```

If you want to find the element present in n1 array not in n2 array then you have to pass n2 as the first parameter.

In [6]:

```
np.setdiff1d(n2,n1)
```

Out[6]:

```
array([70, 80, 90])
```

In [ ]:

```

```