

In [1]:

```
import numpy as np
```

In [2]:

```
#Create an array  
arr = np.arange(5)
```

In [3]:

```
#Saving array on disk in binary format (file extension .npy)  
np.save('my_array',arr)
```

In [4]:

```
#Change arr  
arr = np.arange(10)  
#Show  
arr
```

Out[4]:

```
array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
```

In [5]:

```
#Lets see the original saved copy  
np.load('my_array.npy')
```

Out[5]:

```
array([0, 1, 2, 3, 4])
```

In [6]:

```
#Saving multiple arrays into a zip file  
np.savez('two_arrays',x=arr,y=arr)
```

In [7]:

```
#Now Loading multiple arrays  
archive_array = np.load('two_arrays.npz')  
  
#Show  
archive_array['x']
```

Out[7]:

```
array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
```

In [8]:

```
#Now saving and loading text files  
  
arr = np.array([[1,2,3],[4,5,6]])  
np.savetxt('my_test_text.txt',arr,delimiter=',')
```

In [9]:

```
arr = np.loadtxt('my_test_text.txt',delimiter = ',')  
arr
```

Out[9]:

```
array([[1., 2., 3.],  
       [4., 5., 6.]])
```

In []: