**Indexing and slicing**

**# to get a particular row**

arr=np.arange(50).reshape(5,10)

arr[2]

**# to get a particular column**

arr[:,3]

**# slicing a particular row and coumn**

arr[2:4,1:2]

**# iteration over elements (useful for getting pixel values of images)**

for i in np.nditer(arr):

print(i)

**Basic operations can be performed easily**

**# Dot product**

arr=np.arange(10)

arr1=np.arange(11,20)

arr.dor(arr1)

**# similarly, min, max, sum and mean can be found**

arr.max()

arr.min()

arr.mean()

m=arr.media()

q=arr.sin()

s=arr.exp()