import numpy as np
arr=np.array([1,2,3,4,5,6])
arr.ndim
arr.shape
arr=np.arange(2,5,2)
np.zeros((3,3))
np.ones((2,2))
np.diag([1,2,3,4])
np.identity(3)
arr=np.random.randint(10,100,size=(3,4))
arr[2][2]
arr[2:5][1:4]
mask=arr>55
arr[mask]
arr[2:,2:]=0
a+b,a-b,a*b,b**2[Where a &b are numpy arrays]
np.log(a),np.sin(a)[Other Mathematical Operations]
np.dot(A,B)
A.reshape(6,4)
np.sqrt(A)
np.sum(A),np.max(A),np.min(A),np.mean(A),np.std(A)
np.mean(A,axis=0), np.sum(A,axis=1)
A.flatten()
A.T
np.hstack((A,B))
np.vstack((A,B))
newArr=newArr[:,[1,0,3,2]] --> Change the order of columns to 1,0,3,2.