**2. Create a 2 dimensional array (2X3) with elements belonging to complex data**

**type and print it. Also display**

**a. the no: of rows and columns**

**b. dimension of an array**

**c. reshape the same array to 3X2**

import numpy as np  
print("Sivapriya Rajan")  
print("SJC21MCA-2042")  
print(" ")  
  
arr = np.array([  
  
 [1+4j,2+5j,3+6j],  
  
 [4+6j,9+1j,5+2j],  
  
 ],  
 dtype=complex)  
  
print(arr)  
  
print("\ndimension of given array is :",arr.ndim)  
  
print("\nnumber of rows and columns of given array is :",arr.shape)