**Assessment**

1. Write a function to create a 2-D List/Array with random integers between 0 to 100. This function should take two arguments - numberOfRows and numberOfColumns and return 2D list.  
2. Write a function to sort the 2-D list based on column index keeping the rows intact. This function should take two arguments - 2D list created above and column Index and return sorted 2D list.

Code-

import numpy as np

a= np.random.randint(100, size=(5,4)) // array with random integers

sort\_col=2 //change column number

print(a)

print(‘ column’)

print(a[:, sort\_col])

print(‘entire array sorted’)

print(a(a[:, sort\_col].argsort()])

print(‘first column sorted’)

print(a[a[:, sort\_col].argsort(), sort\_col])