LAB Logbook

Lab 1

import numpy as np

a = np.arange(20)

print("a:")

print(a)

print()

a\_2d = a.reshape(1, 20)

print("2-d:")

print(a\_2d)

print()

b = a\_2d.copy()

print("Copy array b:")

print(b)

print()

**Result:**

a:

[ 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19]

2-d:

[[ 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19]]

Copy array b:

[[ 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19]]

Lab 2

Lab 3

Lab 4

Lab 5

Lab 6

Lab 7

Lab 8

Lab 9

Lab 10

Lab 11

Lab 12