

Exercises for Lab 04.

1. create a numpy array of length 10 that contain integer values between 10-50.
2. calculate sum, mean, min, max and print them.
3. plot the created array using matplotlib.
4. create a 3 * 4 matrix of ones and call it 'a'
5. multiply the matrix 'a' by 4 (a * 4)
6. creat a 3 * 4 matrix on random integers between 1-10 numbers and call it b.
7. print the transpose of the matrix b.
8. create a pandas data frame (call it df1) to store the created matrix 'b' and give and approriate index names for columns and rows.
9. change the items in df1 with values less than 5 to 99.