**Assignment-3-ICP-**

NAME: Jayanth Sri Sai Dulla

E-MAIL: jxd40680@ucmo.edu

STUDENT-ID: 700734068

GIT-HUB LINK: https://github.com/Jayanthsrisaidulla1998/Assignment-3-ICP-/edit/main/README.md

VIDEO LINK:

1. Numpy: a. Using NumPy create random vector of size 15 having only Integers in the range 1-20.

1. Reshape the array to 3 by 5

2. Print array shape.

3. Replace the max in each row by 0

Graphical user interface, text, application, email

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c. Compute the sum of the diagonal element of a given array. [[0 1 2] [3 4 5]]

d. Write a NumPy program to create a new shape to an array without changing its data.

Reshape 3x2: [[1 2] [3 4] [5 6]]

Reshape 2x3: [[1 2 3] [4 5 6]]

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2. Matplotlib

1. Write a Python programming to create a below chart of the popularity of programming Languages.

2. Sample data: Programming languages: Java, Python, PHP, JavaScript, C#, C++ Popularity: 22.2, 17.6, 8.8, 8, 7.7, 6.7

Chart, pie chart

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