Internship Task 4

Write a Python program using NumPy to perform the following tasks on a given array:

1. Create a NumPy array with the following values: **[1, 2, 3, 4, 5]**.

2. Print the shape of the array using the **.shape** attribute.

3. Reshape the array into a 2D array with 2 rows and 3 columns.

4. Print the shape of the new array.

5. Create a second NumPy array with the following values: **[6, 7, 8, 9, 10]**.

6. Concatenate the two arrays together horizontally.

7. Print the resulting array.

8. Compute the resulting array's mean, median, and standard deviation.

Reference –

https://numpy.org/doc/stable/user/quickstart.html

Deadline of task submission- 16-5-23 till 5PM