Weekly Assignment 42

1. Write a Python program to create a NumPy array of shape 5×2 filled with ones.

2. Write a Python program to create a 1D NumPy array of 10 random numbers between 0 and 1.

3. Write a Python program to reshape a 1×9 array into a 3×3 matrix.

4. Write a Python program to create a NumPy array of even numbers between 10 and 30.

5. Write a Python program to create a NumPy array with 10 linearly spaced numbers between 0 and 5.