Exercise 1: Import the numpy package as np.

Exercise 2: Create a numpy array of integers from 0 to 9.

Exercise 3: Create a 3x3 numpy array of all True's.

Exercise 4: Extract all odd numbers from a 1D numpy array.

Exercise 5: Replace all odd numbers in a 1D numpy array with -1.

Exercise 6: Convert a 1D array to a 2D array with 2 rows.

Exercise 7: Compute the mean, median, and standard deviation of a 1D array.

Exercise 8: Normalize a 5x5 random matrix (Subtract mean and divide by standard deviation).

Exercise 9: Multiply a 5x3 matrix by a 3x2 matrix (real matrix product).

Exercise 10: Find the unique values and the count of unique values in a numpy array.