1. **Matrix Operations**: Create two **random** matrices A (3x4) and B (4x5), then perform the matrix multiplication between them.

2. **Statistical Analysis**: Generate a random dataset of 1000 values, and calculate the mean, median, standard deviation, and variance of the dataset using NumPy functions.

3. **Indexing and Slicing**: Given a 2D NumPy array, extract the elements from the 2nd column where the value is greater than 5.

4. **Reshaping and Stacking**: Create two arrays of different shapes, reshape them to have a common dimension, and then stack them vertically and horizontally.

5. **Broadcasting**: Create a 2D array representing a game board with dimensions 6x6. Place a token (e.g., number 1) in the center cell (3,3) and simulate a move by adding 1 to all neighboring cells using broadcasting.