LAB ASSIGNMENT 6
DUE TO NEXT LAB

Overview: Write a Java program that contains multiple methods, each solving a specific array-related task. Each method should be called from the main method to demonstrate its functionality.

1. **Initialize and Method: Print Array**
   - Goal: Understand how to declare, initialize, and iterate through arrays using a for loop.
   - Task: Write a program that creates an array with numbers from 1 to 10 and prints each value using a for loop.
2. **Method: Calculate Average**
   - Goal: Use a for loop to calculate the sum and average of array values.
   - Task: Write a method that takes an array of grades (e.g. {1.3, 2.0, 2.7, 1.7, 3.0}), calculates the average, and prints it.
3. **Method: Find Maximum Value**
   - Goal: Use a for loop to compare values and find the largest one.
   - Task: Write a method that takes an array (e.g. {4, 17, 3, 22, 15}) and prints the maximum value.
4. **Method: Reverse Array**
   - Goal: Use a for loop to compare values and find the largest one.
   - Task: Write a method that prints the elements of a predefined array (e.g. {10, 20, 30, 40, 50}) in reverse order.
5. **Add on:**
   - Goal: Combine arrays, loops, and the Scanner class.
   - Task: Ask the user to enter 5 integers, store them in an array, and print them all in one line.