**Exercise:**  
Write a Java program that demonstrates the do-while loop by printing the value of a variable at least once, even if the loop's condition is initially false. Use a variable initialized to a value (e.g., 6) and increment it within the do-while loop.

**Hint:**

1. Declare and initialize an integer variable (e.g., i = 6).
2. Use a do-while loop to print the value of i.
3. Inside the loop, increment the value of i by 1 after printing.
4. Set the loop condition to check if i is less than a specified value (e.g., 5).
5. Observe that the code within the do block executes at least once, even though the condition is false.

**Explanation:**  
This program demonstrates the unique behavior of the do-while loop:

* The variable i is initialized to 6.
* The do block executes first, printing the value of i (which is 6) and then increments i to 7.
* After the do block executes, the while condition (i < 5) is checked. Since i is now 7, the condition is false, so the loop stops.
* This illustrates how the do-while loop guarantees the code inside the do block will run at least once, regardless of the condition's initial value.