**8.13- Exercise – StringBuilder**

**Exercise**

Enhance String Handling with StringBuilder and String

**Task**

1. Modify the code to correctly update and print the message variable after concatenation.
2. Add a method reverseMessage() that takes a StringBuilder as an argument, reverses its content, and prints the reversed string and its length.
3. Update the main() method to call reverseMessage() with messageBuilder and display the results.

**Hints**

* The concat() method does not modify the original String object, so you need to assign it back to message to see the change.
* Use the reverse() method from StringBuilder to reverse the content.
* Add a printInfo() call after reversing to display the updated string and its length.

**Explanation**

This exercise helps you understand the difference between String and StringBuilder in Java, focusing on mutability and how methods affect them. By implementing reverseMessage() and updating the main program, you will practice manipulating strings efficiently and working with StringBuilder, which is essential for scenarios where frequent modifications to strings are needed.