

Assignment 4

Instructions:

1. Write a Java program to calculate the length of a given string using the `length()` method from the `String` class. The program should take a string as input and output its length.
2. Create a Java program that concatenates two strings using the `concat()` method or the `+` operator with strings. Take two strings as input and produce the concatenated string as output.
3. Write a Java program to compare two strings using the `compare` method from the `String` class. The program should take two strings as input and output whether they are the same or not by returning a boolean `true` or `false`.

Submission Guidelines:

- Each task should be implemented in a separate Java program.
- Use meaningful variable names and provide comments for clarity.
- Include screenshots of your program outputs.
- Submit the source code files (.java).
- Include your full name on the submission.

Important Note:

Plagiarism will not be tolerated. Ensure that the submitted code is your own work.

Deadline: Submit your completed assignment by next Thursday 02/08/2024.