Steps:

1. Create a GitHub repository 23-Ikeda-Ema-FinalExam-UnitTest in GitHub.
2. Create a Git repository in local directory.
3. Create a Maven project.
4. Modify Pom.xml to add junit dependency and maven plugin.
5. Include .travis.yml in project directory.
6. Write a test class focused solely on testing the new requirements (Extended Functionalities).
7. Extend the add method of StringCalculator class to accommodate the new requirements.
8. Run test cases made in #1. Modify StringCalculator as necessary so that it passes all the test cases.
9. Commit changes to GitHub repository.
10. Let Travis CI build the project. Modify code as necessary until the project is built successfully.