Keri Gabriel

4/21/2022

I T221 - Software Development II

**Summary of complexity findings for all methods:**

The cyclomatic complexity for the “Area Calculator Project” is 7. Each method has a cyclomatic complexity of 1. The total maintainability index for the project is 76 with each method ranging from 59 to 96. The project has 57 lines of source code with 23 lines of executable code.

**Two chosen for testing among all that were candidates:**

The methods in this project all have the same complexity of one, I chose to run tests on them all. For the overloaded getSquareArea(string) method I choose to run two separate tests.

**Code coverage for each:**

This project has 100% code coverage.

**Narrative describing the effort and any issues encountered:**

The hardest part that I experienced with this project is second-guessing myself. Also, I also had to remember how to use a dictionary, and I searched for a long time to figure out how to test a try-catch statement and was very thankful that it was taught in class the next day.