

Gleb Myshkin, Matthew Feroz

We pledge our honor we have abided by the Stevens Honor System.

Deliverable 3: Describe your experience with this assignment, specifically:

- What challenges did you encounter with this assignment, if any?
 - We had some problems with making a test for the right scalene and right isosceles triangle. We couldn't implement a test so that it could see if the numbers that we input were both a right triangle and an isosceles/scalene triangle as both types of triangles can also be a right triangle at the same time. We decided to not use this test scenario and only used the right, scalene, equilateral, isosceles, and non-triangle tests. In the beginning, we also had a few issues with the math used to find out what type of triangle we are dealing with, but in the end, we were able to find every equation needed for the tests that we conducted.
- What did you think about the requirements specification for this assignment?
 - I believe that the requirements could have been a little more specific if we needed to find every single type of triangle (right isosceles or right scalene). In our code we only implemented the exact triangles that were asked but we were a bit confused if we needed more.
- What challenges did you encounter with the tools?
 - o In the beginning, we had some problems with the Live Share extension that we used on Visual Studio Code to collaborate with each other (me and Matthew Feroz). It was a bit confusing on how to connect to each other for us to work on the code, but we eventually sorted it out. The only thing that I couldn't do was run the code while working on it together, only Matthew had the ability to do that. I was able to run it after finishing the collaboration with Matthew.
- Describe the criteria you used to determine that you had sufficient test cases, i.e. how did you know you were done?
 - The main criteria that we used for our test cases was making sure that the output of our program successfully ran every triangle number we inputted. This would allow us to know if the code that we made successfully tests the input triangles because we know that the numbers that we inputted were correct.