L3-IT-U13-ST-SA2 Software Requirements

Requirement 1: The user should be able to choose between rectangles and triangles. They should be able to enter *0* to exit the program, *1* to choose rectangles and *2* to choose triangles.

Requirement 2: Upon choosing rectangles, the user should be able to enter the width and height of the rectangle as integers.

Requirement 3: Upon choosing triangles, the user should be able to enter the length of all three sides of the triangle as integers.

Requirement 4: After entering the dimensions of the shape, the area and perimeter of the shape should be displayed to the user after less than a second's delay.

Requirement 5: The area of triangles should be displayed to ***two*** *decimal places*.

Requirement 6: After the area and the perimeter of the shape are displayed, the user should be able to choose to enter the dimensions of another shape or exit the program.