Antonio Gomez

Project 1 Triangle

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DESK CHECK

**Planning area**

-3 variables for each side

-side1

-side2

-side3

**Input**

-Prompt the user to enter side1, side2, and side3

**Processing**

-Determine if any of the inputs are zero

-Determine if the inputs form a triangle using the a+b>c formula

-If two sides are equal the triangle is isosceles

-if all sides are equal it is an equilateral triangle

-if no sides are equal it is scalene

**Output**

(Possible Outputs depending on user input)

-Display that all sides must be greater than zero

-Display that the triangle is an equilateral triangle

-Display that the triangle is an isosceles

-Display that the triangle is scalene