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CS320

EX02

EX02\_01: the formula for the number of robust test cases for n variables is 6n where n has an upper and a lower bound.

EX02\_02: I would input number I know are or are not triangles and see if the output is correct based on what I know in math, I would also input numbers that I know either make or do not make each type of triangle and see if the IsTriangle function outputs the correct answer. I would also input number that are very close to another type of triangle that way I can text the boundaries of each type.

EX02\_03: General: check for only algebraic symbols and numbers, check for a reasonable sized string 100 char, check for 99char string, check for 1 char string, check 2char string

Robust: check for 101, 100, 99, 0, 1, 2 char strings,

Worst case: check 6000 char string, 0 char string,

Special: Cannot divide by zero, no infinity symbols. PEMDAS. Must be a string inputted.