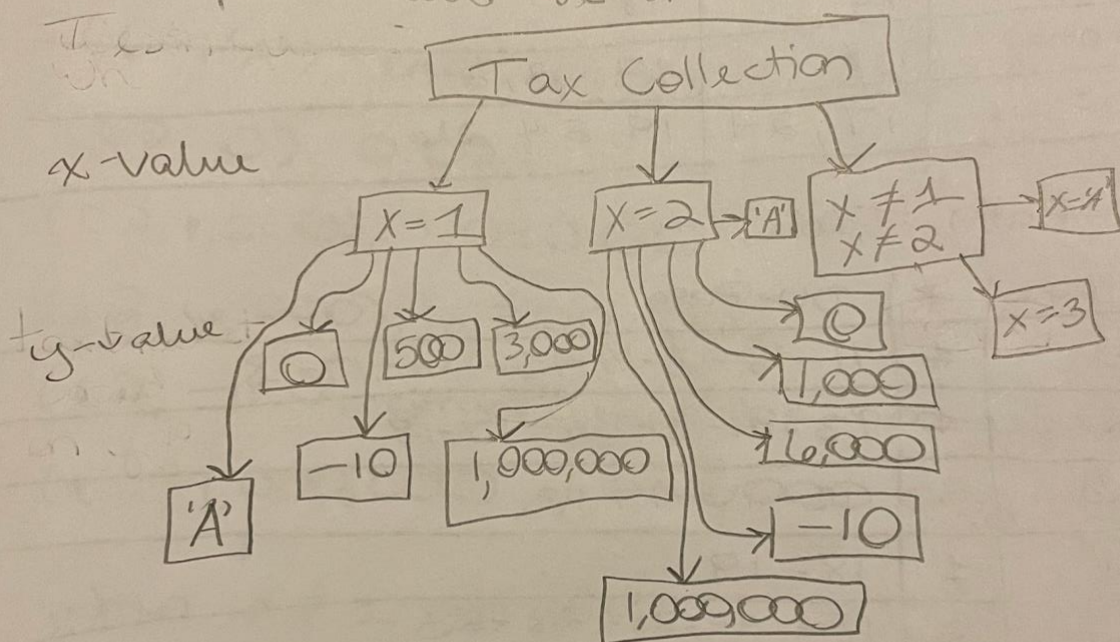


Elizabeth
Dayton

SQA Assignment #5

inputs: X, Y if $X=1$, single filing
income if $X=2$, married filing
 $\uparrow Y = \text{non-negative int}$

output should be 2 decimal places



Test Cases:

when $X=1$:

$((1, 'A'), \text{"error: y must be an int"})$

$((1, 0), 0.00)$

$((1, -10), \text{"error: y must be non-negative"})$

$((1, 500), 520.00)$

when $X = 1$ cont:

$((1, 3,000), 3,150.00)$

$((1, 1,000,000), 1,050,000.00)$

when $X = 2$:

$((2, 'A'), \text{"error: y must be an int"})$

$((2, 0), 0.00)$

$((2, 1,000), 1,040.00)$

$((2, 6,000), 6,300.00)$

$((2, -10), \text{"error: y must be non-negative"})$

$((2, 1,000,000), 1,050,000.00)$

when $X \neq 1$ and $X \neq 2$:

$(('A', 1), \text{"error: x must equal 1 or 2"})$

$((3, 1), \text{"error: x must equal 1 or 2"})$