Clicker Questions for L02: Scratch
Q1: Reading Code

Assume that the current sprite is x = 0, y = 0, and direction = 90. What will the sprite do when executing this script?

A. Will move 20 steps to the right and then 20 steps down.
B. Will keep moving 20 steps to the right and 20 steps up.
C. Will keep moving 20 steps to the right and back and 20 steps down and back.
D. Will keep moving 20 steps to the left and back and 20 steps up and back.
E. None of the above.
Q2: Tracing Code

Assume that the sprite position is \( x = 0, y = 0 \), and direction = 90. when we start the script. What will the sprite’s position be when we stop the script?

A. \( x = 0, y = 0 \)
B. \( x = 0, y = 20 \)
C. \( x = 20, y = 0 \)
D. Any one of the above
E. None of the above
Q3: Expressions Operations and Variables

What would the value of the variable countTurns be when this script terminates?

A. 0
B. 5
C. 10
D. Any value between 1 and 10
E. Can be any integer value