**Intro to Computer Science – Graded Programs**

0 programs (attempted) 24/40 (60%)

1 program 32/40 (80%)

2 programs 36/40 (90%)

3 programs 38/40 (95%)

4 programs 40/40 (100%)

Program 1 – Create a 10x10 grid of labels (50 x 50 in size, white background, **with a border**)

When you **enter** (not move, not hover, not click) a label with your mouse, it makes the background color a random RGB value

Program 2 – On the form’s design, put a label in the top right corner which starts at 0. Create a 5x5 grid

of buttons in the code (50 x 50 in size, white backgrounds) where the text is a random

number from 0 to 9. When you click on any button, it makes that button disappear and adds that number to the label in the top right as the total.

Program 3 – Create two forms. The first form has a label where you’ll put a word for which arrow key you

pressed – LEFT, RIGHT, UP, or DOWN. When you hit an arrow key, it makes the second form move in that direction.

Program 4 – Create three forms -- red, yellow, and green, lined up vertically from the start. There is a

button on each form with the number 0. When you click the red form’s button, add one to all of the buttons. When you click the green form’s button, subtract one. When you click the yellow form’s button, reset all of the buttons to 0.