**Code conversation level 3 - Slider Snake**

**Code link: https://tinyurl.com/cvcvzr7y**

**Describe what the whole program is doing in a couple of sentences:**

**Fill in the blanks**

|  |  |  |
| --- | --- | --- |
|  | ***Code*** | ***What is this line doing?*** |
| 1 | from microbit import |  |
| 2 | Import time |  |
| 3 | positions = [2, 2, 2, 2, 2] |  |
|  | This function will determine the progression of the snake animation on the micro:bit |  |
| 4 |  |  |
| 5 | for y in range(4): |  |
| 6 | positions[y] = positions[y + 1] |  |
|  |  |  |
| 7 | while True: |  |
| 8 | display.clear() |  |
| 9 | scroll\_up() |  |
| 10 | positions[4] = int(pin2.read\_analog() / 240) |  |
| 11 | for y2 in range(5): |  |
| 12 | display.set\_pixel(positions[y2], y2, 9)\* |  |
| 13 | time.sleep(0.1) |  |

\*display.set\_pixel(x,y,value) - this inbuilt function sets the brightness of the LED at row x and column y to value, which has to be an integer between 0 and 9. In this case the brightness is always set to the maximum 9.