**Notes and observations**

In this exercise, my task was to program the LED lights on the scribbler robot to illuminate in a specific pattern in response to the robot's movements. Specifically, when the robot moved forward and backward, I programmed the middle LED to light up accordingly. Likewise, when the robot rotated to the left or right, I programmed the corresponding LED on either side of the robot to light up as well. While this proved to be a relatively straightforward exercise, it required a keen attention to detail and a precise understanding of the robot's movements. Initially I was confused about which movement would get the LED as I initially programmed the LED to light up on the same side the arrow was moving but I had to do it the opposite side of where it was moving.

Similarly, when it came time to apply victory music to specific sections of the maze, I carefully identified the beginning and ending points of each section and added appropriate musical cues as needed. I also added a small movement component to the robot's actions and incorporated additional musical elements to create a more engaging and enjoyable experience. Overall, this exercise allowed me to showcase my technical skills and creative problem-solving abilities in a practical and hands-on way.