Project 1: Super Meow-rio

The purpose of this project is to familiarize yourself with Scratch by implementing a simplified version of Super Mario Bros. You will write a program to move the Scratch Cat (Meow-rio!) sprite around a level, jump, and hit a coin block.

Due Date
Pseudocode: when to play the coin sound effect
Project Submission to tealsteachers@gmail.com

Grading

Part 1: Setup (5)
• Place the provided coin block sprite and backdrop on the stage. (5)

Part 2: Walking (35)
• Meow-rio moves to the right when the right arrow is pressed. (10)
• Meow-rio moves to the left when the left arrow is pressed. (10)
• Movement should look natural: the Meow-rio should have a walking animation while moving and face the correct direction. (15)

Part 3: Jumping (45)
• Meow-rio jumps when the space bar is pressed. (10)
• If Meow-rio hits the question block while jumping, the provided coin sound effect plays. (20)
• Movement should look natural: Meow-rio should animate into a jump and then look natural after landing. (15)

Coding Style (15)
• Sprites should have proper names. (5)
• There are no unused blocks in the scripts area. (5)
• There is a comment for every keyboard input. (5)

Extra Credit (10)
Add a second block which spawns a magic mushroom when hit. The mushroom should move to the right and drop to the ground, and if Meow-rio touches it he should grow. (10)