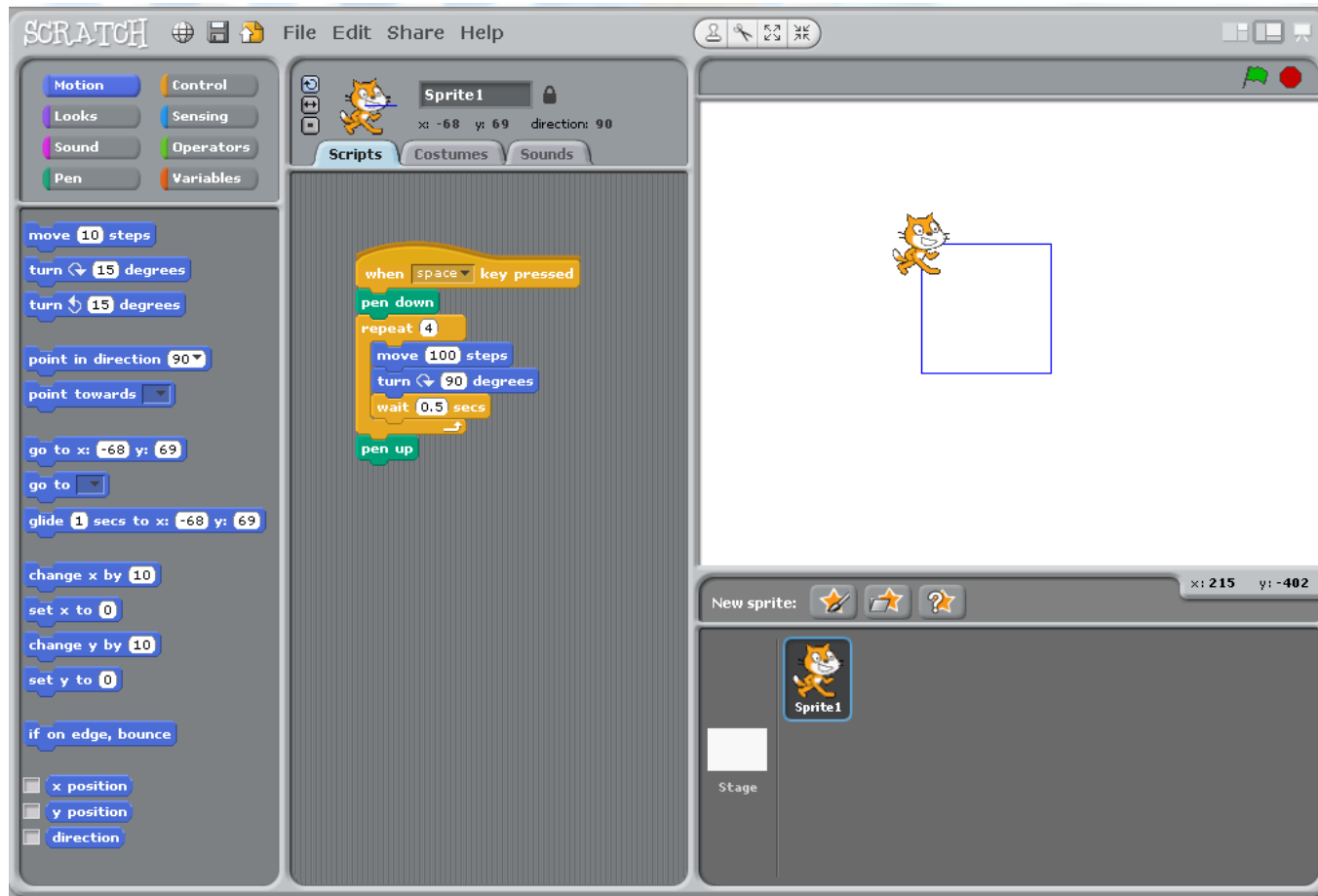


# Basic Scratch program – Drawing a Square

- Standard code to make a Sprite draw a square



# Basic Scratch program – Drawing a Square

- Modify the code to make multiple squares – every time the programme is run the square is offset by 5 on the x and y axis

The screenshot shows the Scratch IDE interface. On the left, the 'Scripts' tab is active, displaying the following code blocks:

- when space key pressed
- pen down
- repeat 4
  - move 100 steps
  - turn 90 degrees
  - wait 0.5 secs
- pen up
- change x by 5
- change y by 5

A red arrow points to the 'change x by 5' and 'change y by 5' blocks with the text: "This code offsets the square by 5 steps".

Below the main code, there is another 'when key pressed' event with a 'clear' block. Below this, the text reads: "This code clears the screen".

The stage shows a stack of blue squares drawn by the cat sprite. The 'New sprite' area at the bottom right shows 'Sprite 1' and the 'Stage'.

# Basic Scratch program – Drawing a Square

- Use the repeat command to make the program draw the squares automatically

