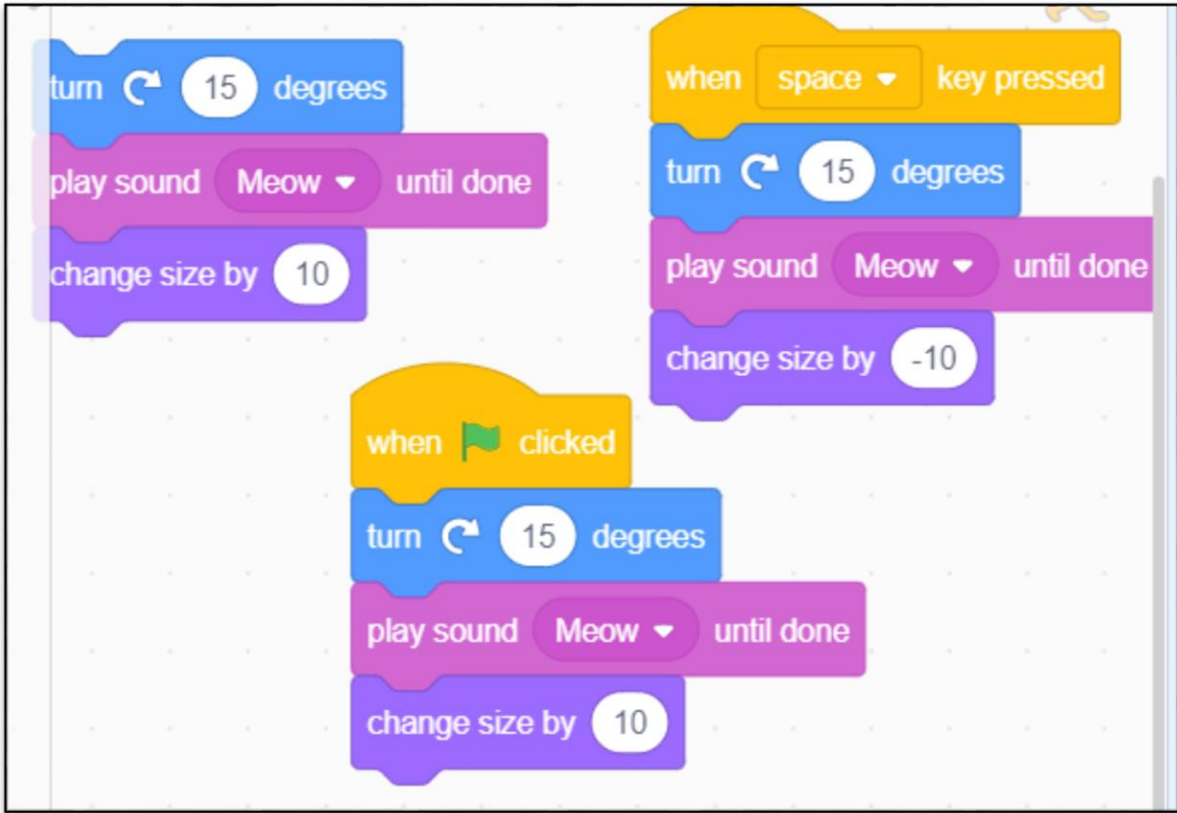
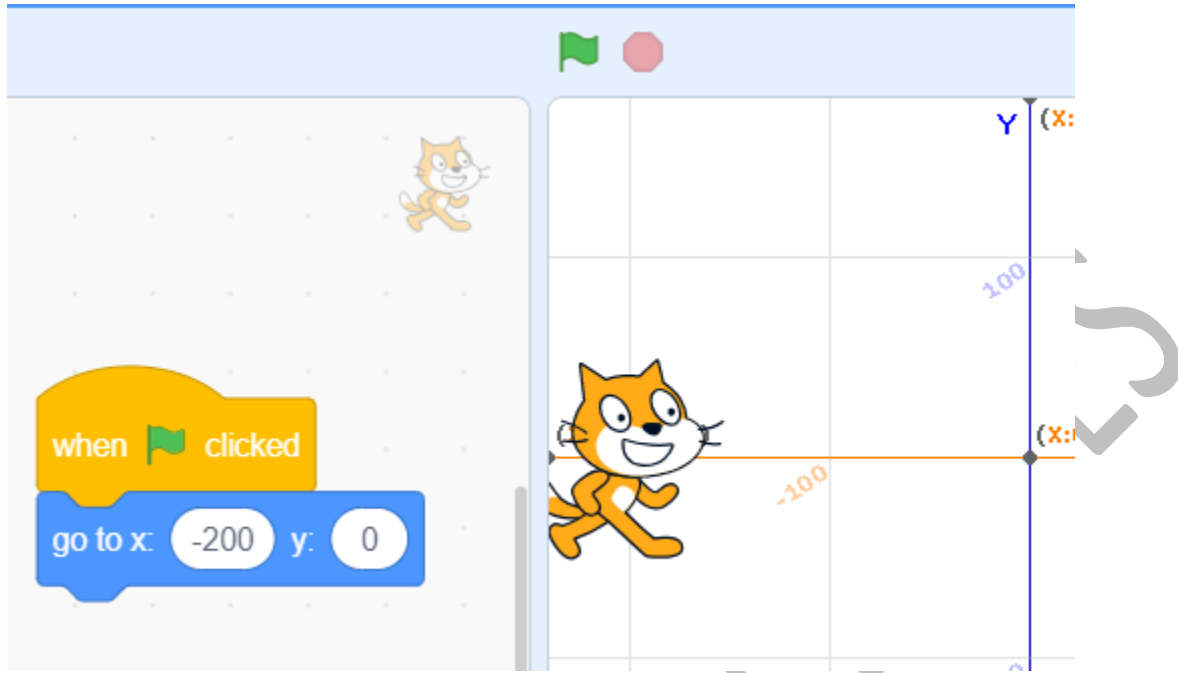


# SCRATCH

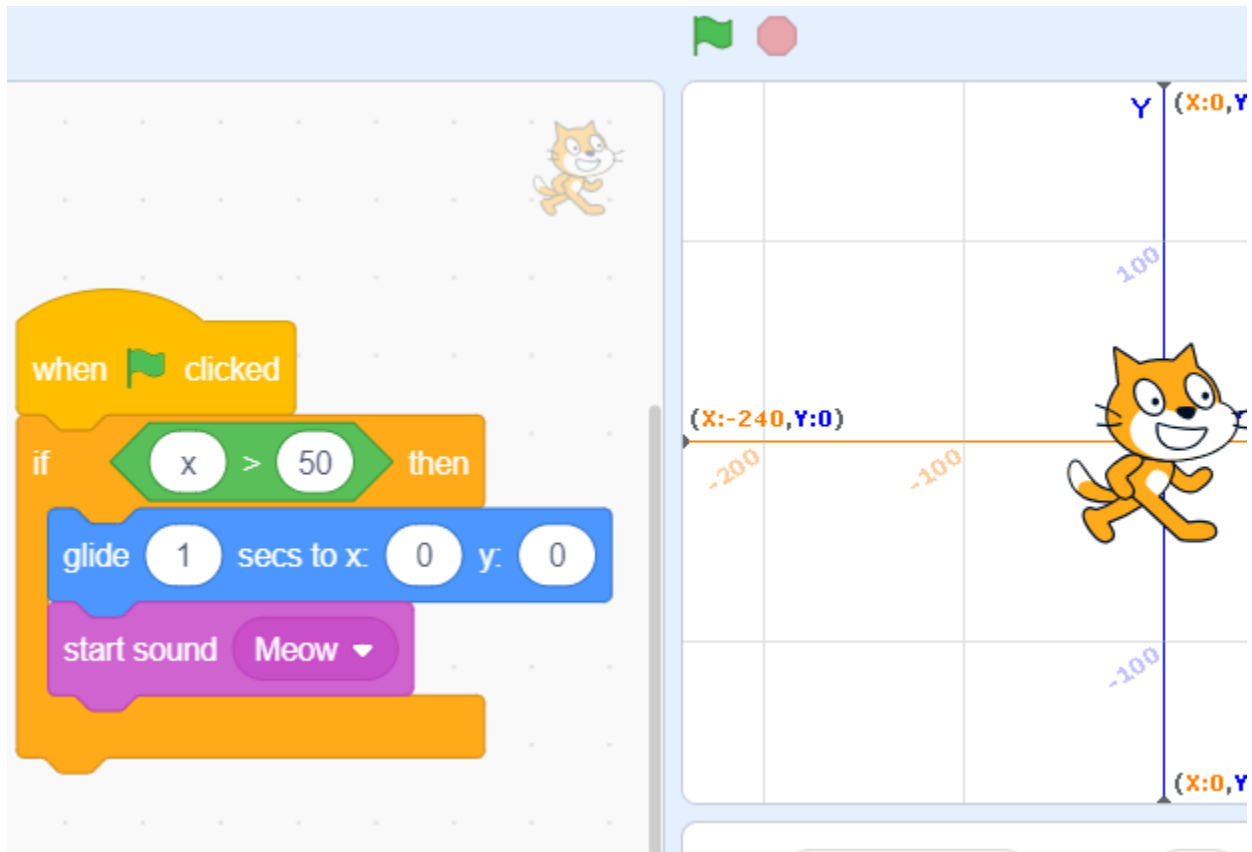
#3 Block vs Hat Block in Scratch\_Know the difference



### #4 Coordinates in Scratch\_X-Y plane backdrop

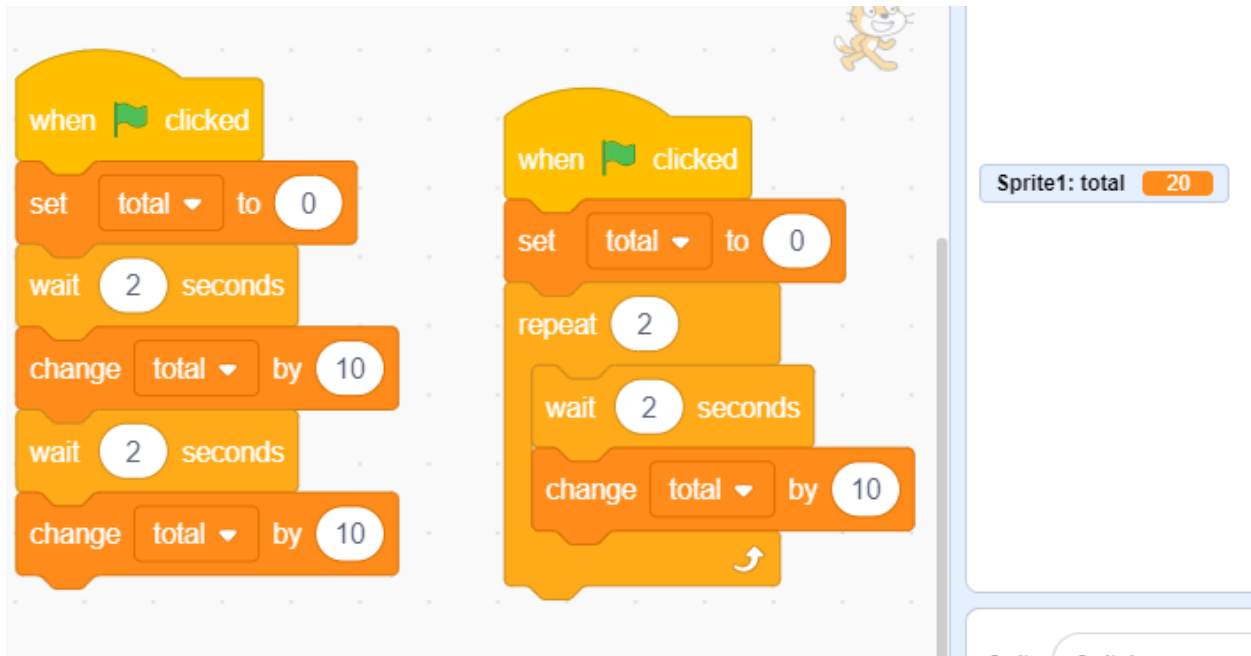


### #5 Conditionals & Operators in Scratch



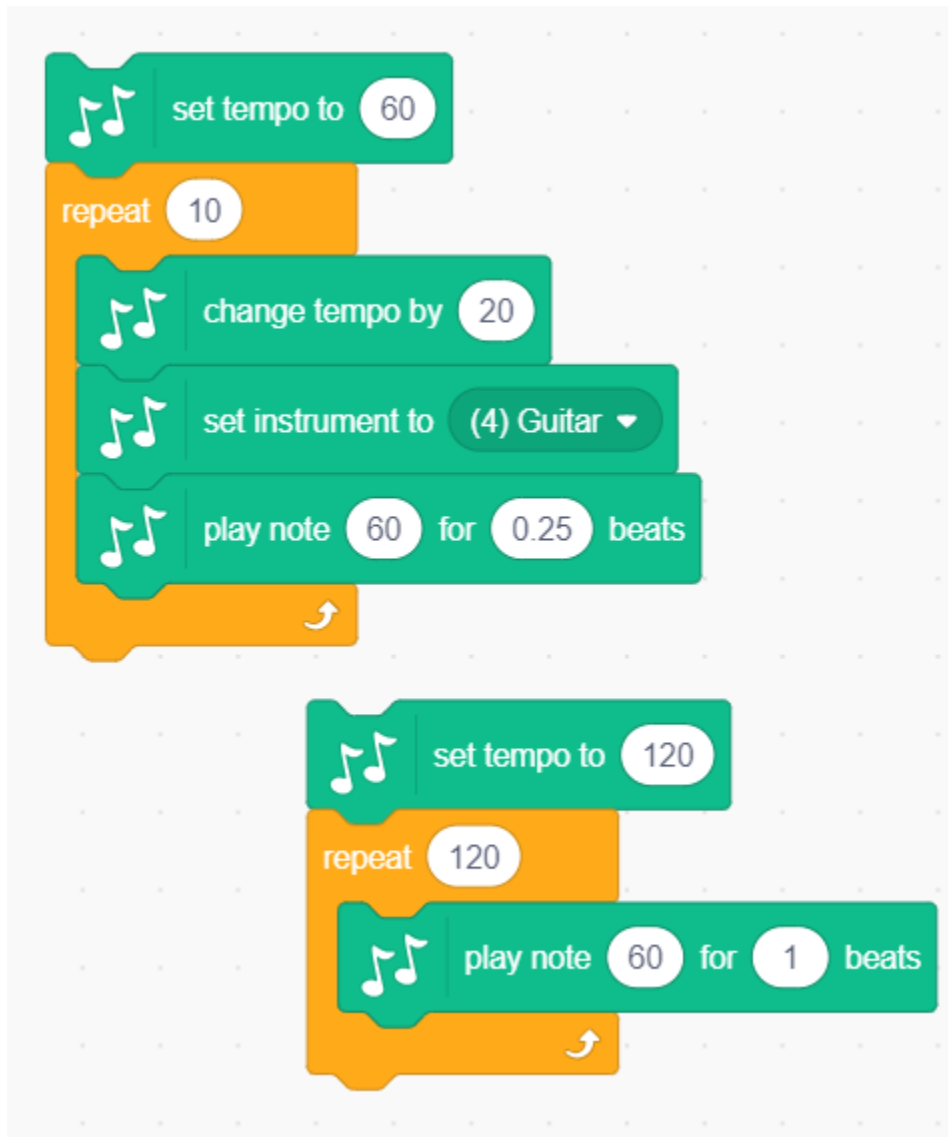
CBSFIT & C

## #6 Variables & Loops or Iteration in Scratch

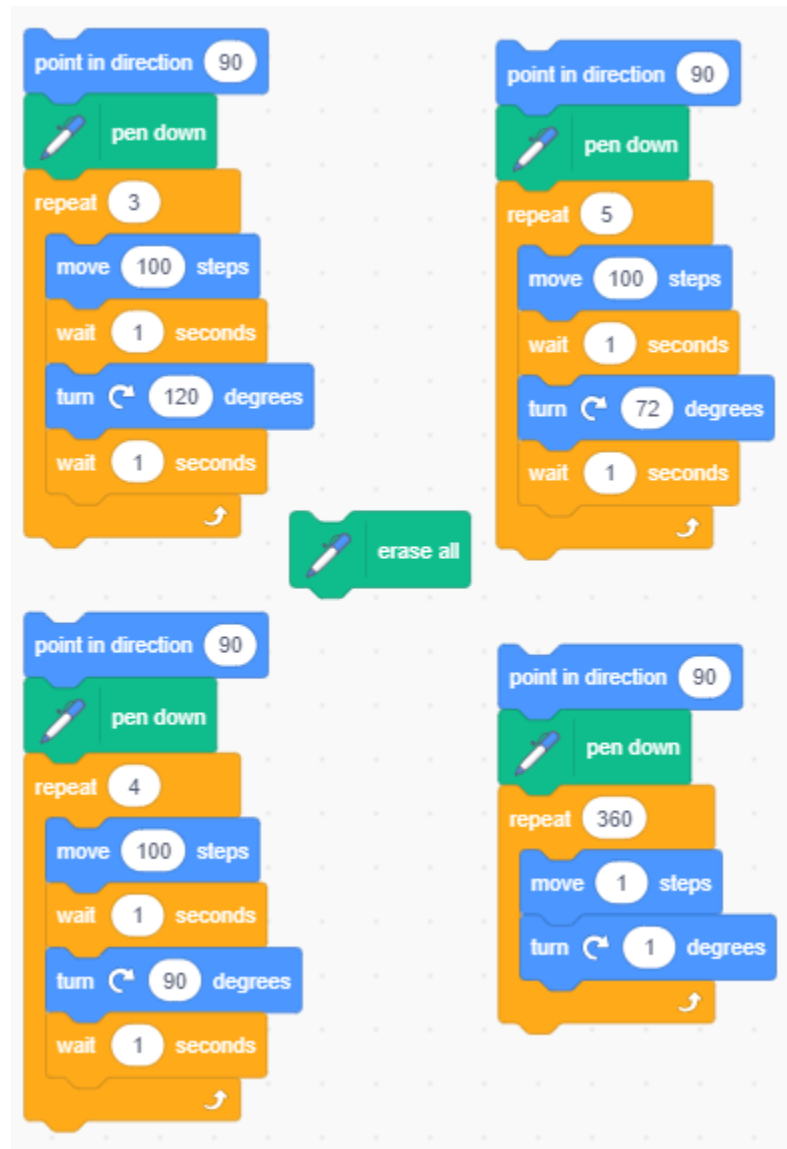


CBSFIT & CALC

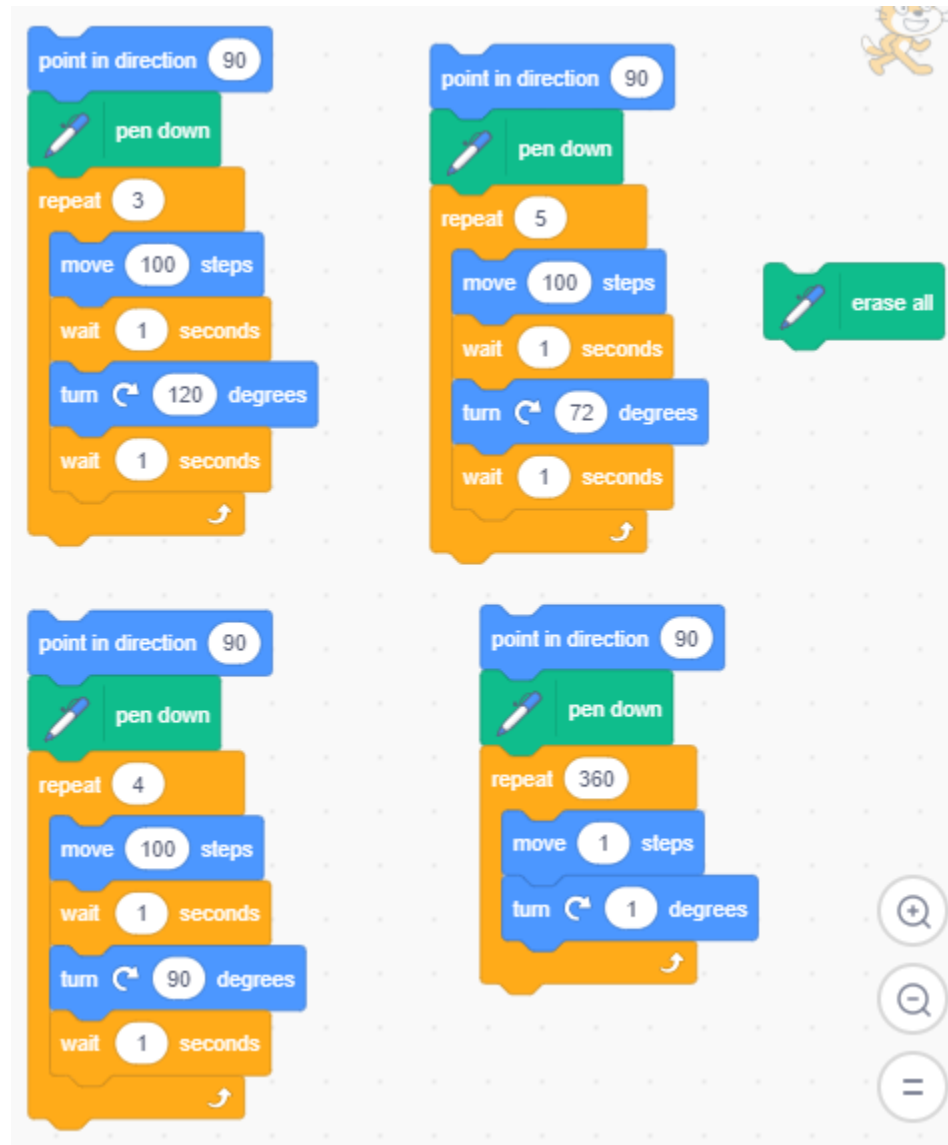
## #7 Notes, Beats &amp; Tempo in Scratch



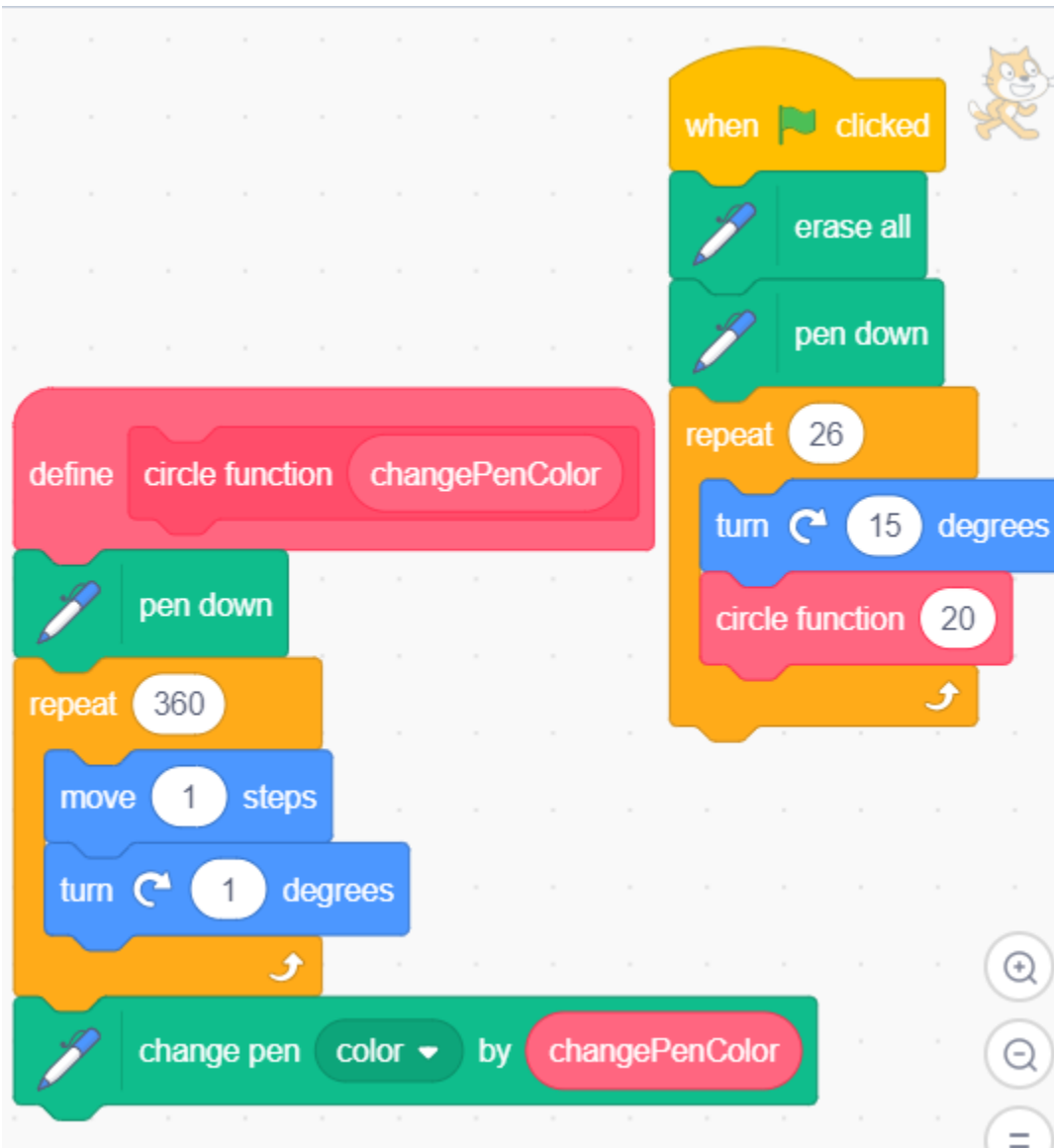
#8 Pen commands & Point in direction block in Scratch



### #9 Pen commands to draw polygonal shapes and circle in Scratch

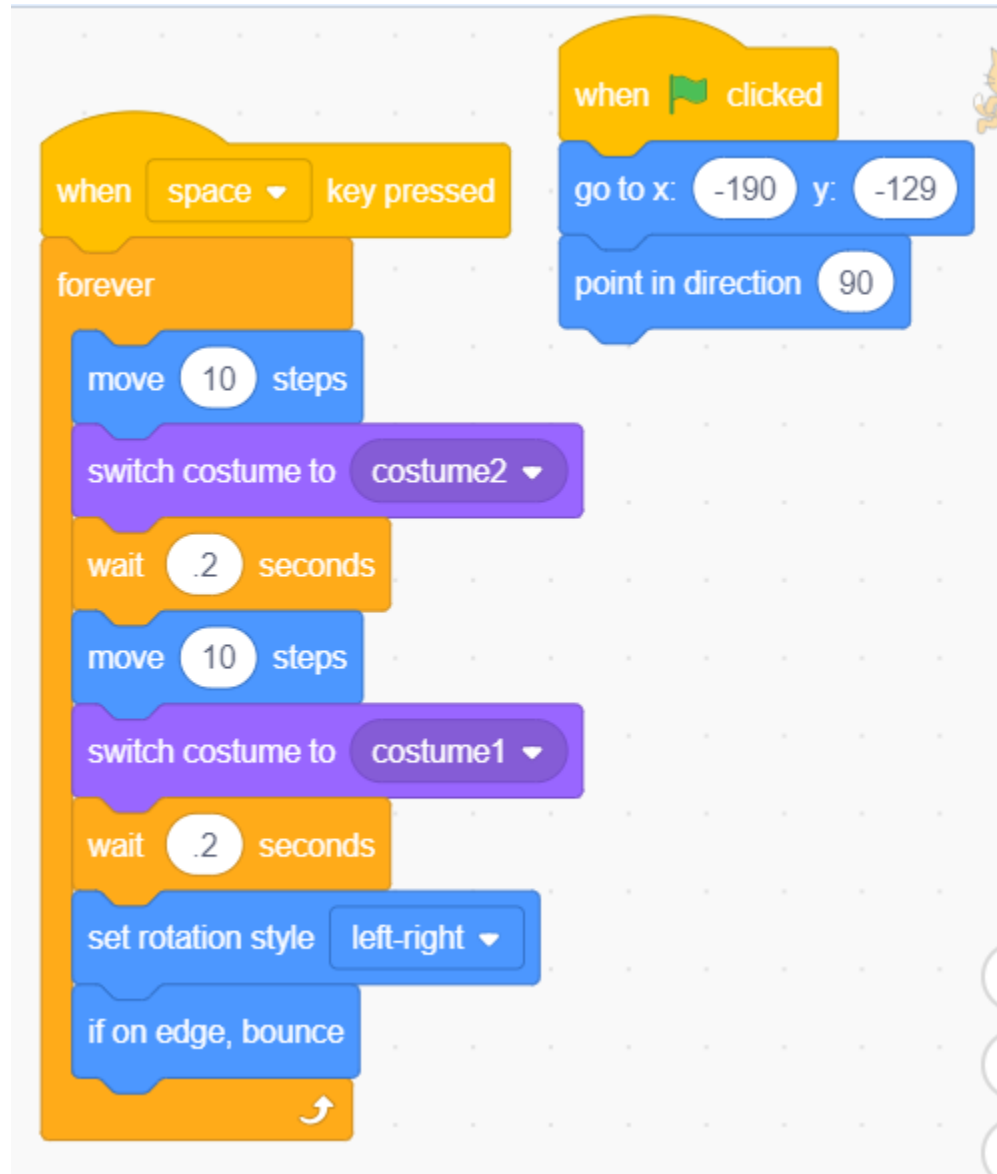


### #10 Iterative development & function in Scratch

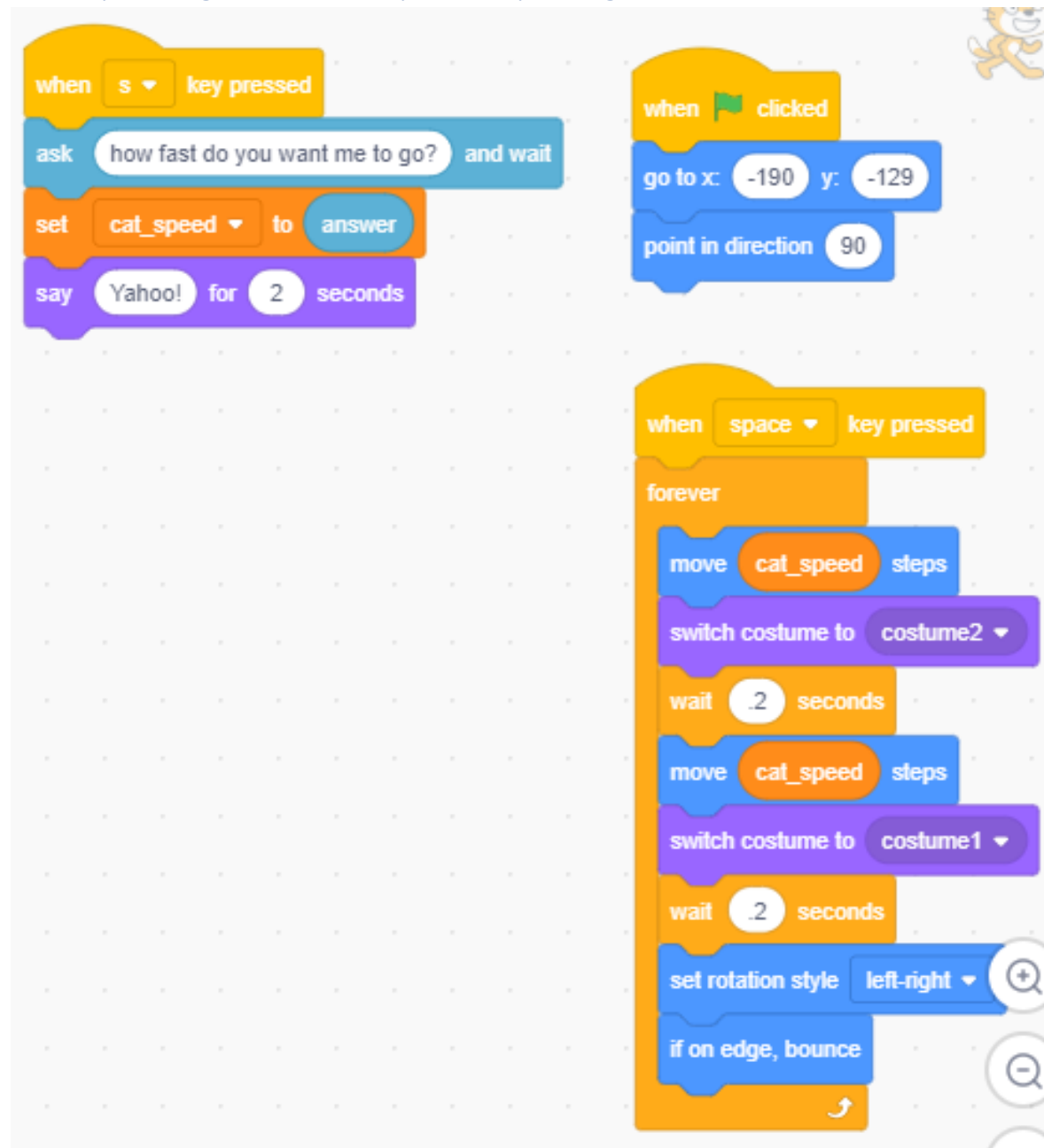




### #11 Animating images using Scratch



## #12 Updating variables repeatedly using Scratch



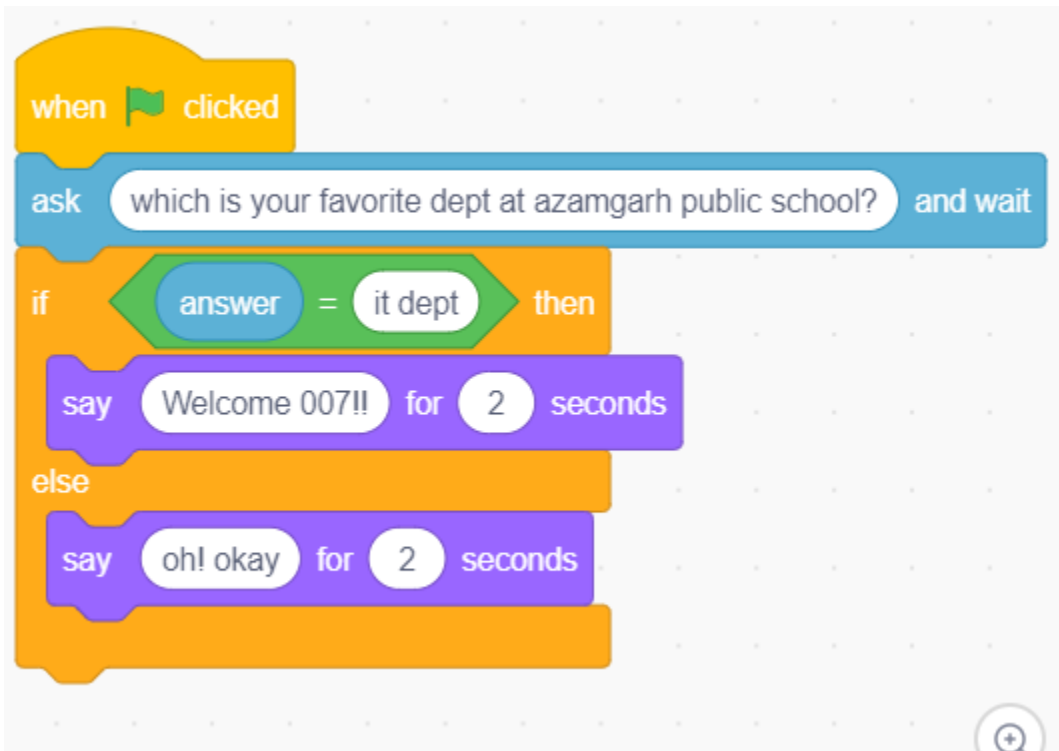
The image shows a Scratch script for a cat character. The script is divided into two main sections. The first section is triggered by the 's' key being pressed. It asks the user 'how fast do you want me to go?' and waits for an answer. The answer is then stored in a variable named 'cat\_speed'. Finally, the cat says 'Yahoo!' for 2 seconds. The second section is triggered by a flag click. It moves the cat to the coordinates (-190, -129) and points it in the direction of 90 degrees. The third section is triggered by the space key being pressed. It enters a 'forever' loop that repeats the following actions: move the cat 'cat\_speed' steps, switch to 'costume2', wait 2 seconds, move the cat 'cat\_speed' steps, switch to 'costume1', wait 2 seconds, set the rotation style to 'left-right', and if on edge, bounce.

```
when s key pressed
ask how fast do you want me to go? and wait
set cat_speed to answer
say Yahoo! for 2 seconds

when clicked
go to x: -190 y: -129
point in direction 90

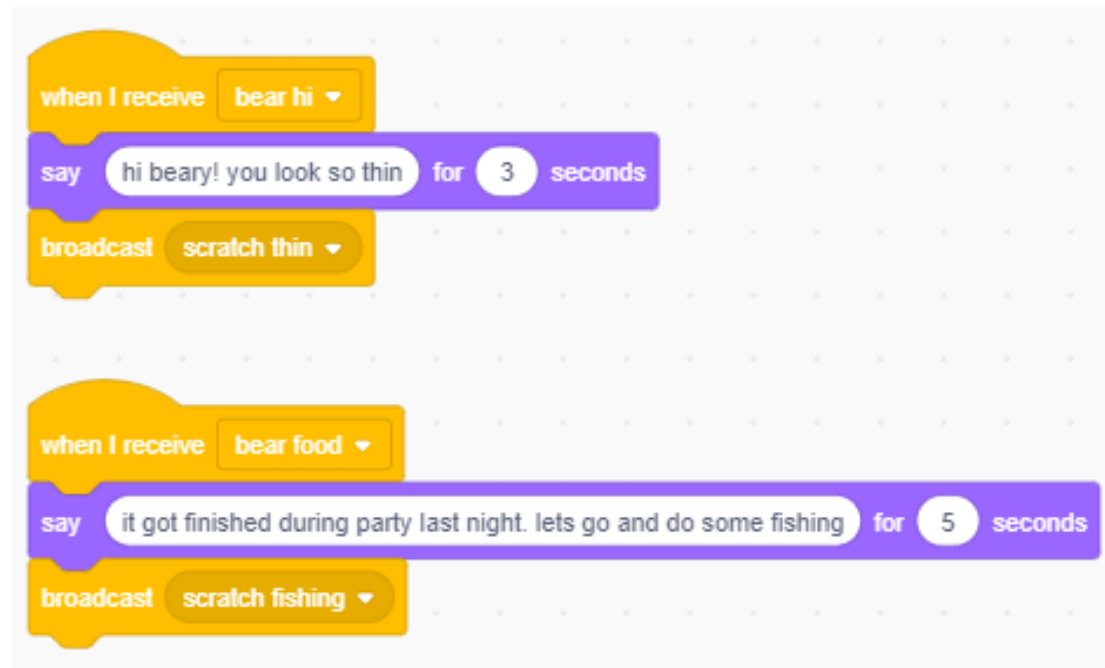
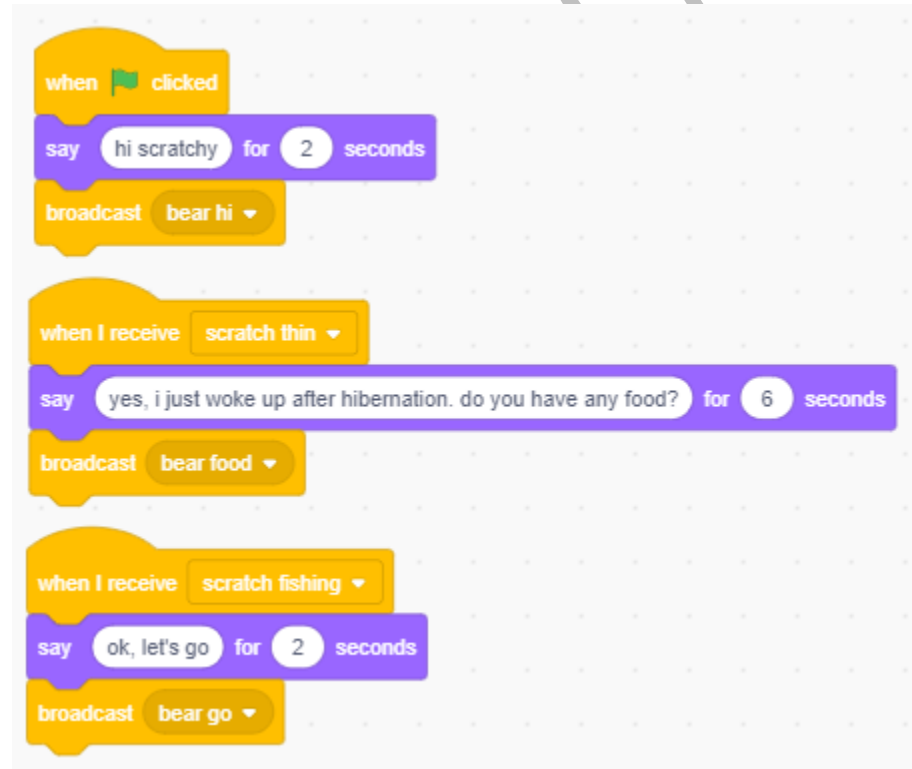
when space key pressed
forever
move cat_speed steps
switch costume to costume2
wait 2 seconds
move cat_speed steps
switch costume to costume1
wait 2 seconds
set rotation style left-right
if on edge, bounce
```

## #13 Ask &amp; Answer blocks in Scratch



CBSEIT &amp; CF

## #14 Creating Story &amp; Song using Scratch

**SPRITE: CAT****SPRITE: BEAR**

## #15 Creating an extremely simple game using Scratch

