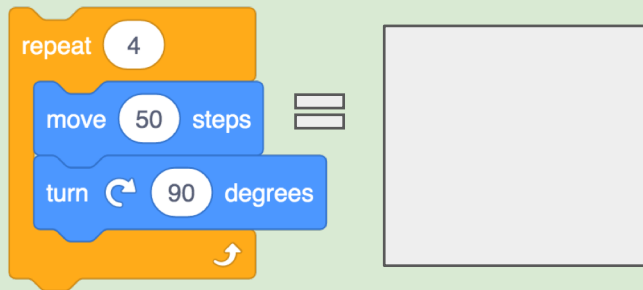
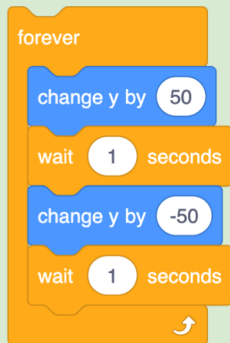


Repetition in Games

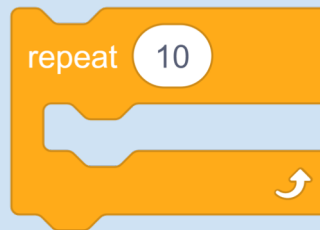
Count controlled loop - repeats instructions a set amount of times



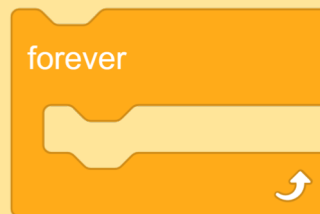
In an **infinite loop**, commands are repeated over and over again, without an end point. In Scratch, this is called the repeat forever block.



Count Controlled Loop



Infinite Loop



wait 1 seconds

Wait - delay next instruction running

go to random position

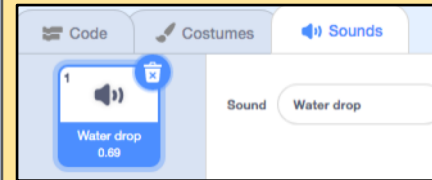
Move to a random position on the stage

show

Show the sprite

hide

Hide the sprite



Add sound



Sprite name	Sprite 1: Bat 1
How will the sprite move?	Randomly
Will there be any sounds?	Owl sound when clicked
Type of repetition used (✓)	<input checked="" type="checkbox"/> Infinite (forever) <input type="checkbox"/> Count-controlled
Write the algorithm for the sprite	Repeatedly <ul style="list-style-type: none"> • Make it invisible • Move somewhere random on the screen and wait for 1 second • Make it visible and wait for 1 second
Which backdrops will you use?	Spooky forest
How will the game end?	When all the bats have been caught