Name: **Casey Sorrells** worksheet 14C

Here is the algorithm to create a clock. Once a second, we get the current date and time.  
let clock.time = get current date and time  
repeat once every 1/15 second  
 display clock  
 wait for 1 second  
 clock.time = get current date and time

Write the algorithm to create a stop watch. Start by setting the watch’s time to 0. Once every second, increment the watch’s time by 1.

let stopwatch = 0

let timeDelay = 15

repeat once every 1/15th of a second:

if timeDelay > 0 then

decrement timeDelay by 1

return without executing any code under this

let stopwatch = stopwatch + 1

let timeDelay = 15

Write the algorithm to make a cat appear for 1 second, disappear for 1 second, appear for 1 second, disappear for 1 second, etc. Start by make the cat visible. Once every second, make a visible cat invisible or vice versa.

let visibleToggle = true

let timeDelay = 15

repeat once every 1/15th of a second:

if timeDelay > 0 then

decrement timeDelay by 1

if visibleToggle == true then

show cat

return without executing anything under this line

let timeDelay = 15

if visibleToggle == true then

let visibleToggle = false

else if visibleToggle == false then

let visibleToggle = true