

unsigned long LedTimer; // => creates an unsigned long and names it LedTimer, it does not have a value yet.

// => start of a method named setup that does not return a value

void setup() {

pinMode(13, OUTPUT); // => Specifies pin 13 as an output pin

LedTimer = millis(); // => sets the value of LedTimer to the value of millis. The value of millis is the number of milliseconds since the Arduino board began running the current program.

} // => This marks the end of the method

void loop() {

if(millis() - LedTimer >= 1000) { // => if the number of milliseconds since the Arduino board began running the current program (millis) - the value of the LedTimer >= 1000 then the value of this statement will evaluate to true, else false

if(digitalRead(13) == HIGH) { // => reads the value from pin thirteen and checks if it is HIGH

digitalWrite(13, LOW); // => if the pin is high, it will change the value of pin 13 to LOW

}

else { // => if the value of pin 13 is not high this block of code will be ran

digitalWrite(13, HIGH); Will wrtie a high output to pin 13

} // => marks the end of the else block of code

LedTimer += 1000; // => adds 1000 to the value of LedTimer

} // => end of if statement (millis() - LedTimer >= 1000

} // => end of loop method