C code

Unsigned long LedTimer;

// => begins setup

void setup() {

pinMode(13, OUTPUT); // => puts the LED into output with function “pinMode()”

LedTimer = millis(); // => records the time in milliseconds with function

millis() into LedTimer

} // => ends set up

// => begins loop

void loop() {

if (millis() – LedTimer >= 1000) {// => if recorded time is greater or equal to

than 1000 ms

if (digitalRead(13) == HIGH) { // => if LED pin is high; begin if-else

digitalWrite(13, LOW); // => set LED pin to low

}

Else {// => otherwise, set LED pin to high

digitalWrite(13, HIGH);

}// => end if-else

LedTimer += 1000; // => if millis() – LedTimer < 1000, add 1000 to value of

LedTimer

}// => end if millis()

}// => ends loop