

```
/*
  Blink
  Turns on an LED on for one second, then off for one second, repeatedly.

5   This example code is in the public domain.
   */

// Pin 13 has an LED connected on most Arduino boards.
// give it a name:
10  int led = 13;

// the setup routine runs once when you press reset:
void setup() {
  // initialize the digital pin as an output.
15  pinMode(led, OUTPUT);
}

// the loop routine runs over and over again forever:
void loop() {
20  digitalWrite(led, HIGH);    // turn the LED on (HIGH is the voltage level)
    delay(1000);              // wait for a second
    digitalWrite(led, LOW);   // turn the LED off by making the voltage LOW
    delay(1000);              // wait for a second
}
```