```
 1   /*
 2     Blink
 3     Turns on an LED on for one second, then off for one second, repeatedly.
 4
 5     This example code is in the public domain.
 6    */
 7
 8   // Pin 13 has an LED connected on most Arduino boards.
 9   // give it a name:
10   int led = 13;
11
12   // the setup routine runs once when you press reset:
13   void setup() {
14     // initialize the digital pin as an output.
15     pinMode(led, OUTPUT);
16   }
17
18   // the loop routine runs over and over again forever:
19   void loop() {
20     digitalWrite(led, HIGH);   // turn the LED on (HIGH is the voltage level)
21     delay(1000);               // wait for a second
22     digitalWrite(led, LOW);    // turn the LED off by making the voltage LOW
23     delay(1000);               // wait for a second
24   }
```