



Figure 1: Blink The LED

```
// the setup function runs once when you press reset or power the board
void setup() {
    //initialize digital pin LED_BUILTIN as an output.
    pinMode(LED_BUILTIN, OUTPUT);
}

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