

FACCIAMO LAMPEGGIARE UN LED

Arduino UNO Tutorial 1 - Flashing LED

This Arduino UNO Flashing LED tutorial is a basic 'Introduction to Arduino' tutorial and shows how to simply flash the LED that is on the Arduino UNO board. The Arduino UNO already has an LED and resistor connected to output pin 13, so we will use that. No other components are required.

```
/* Flashing LED
 * -----
 *
 * Turns on and off a light emitting diode(LED) connected to a digital
 * pin, in intervals of 2 seconds.
 *
 */

int ledPin = 13;           // LED connected to digital pin 13

void setup()
{
  pinMode(ledPin, OUTPUT); // sets the digital pin as output
}

void loop()
{
  digitalWrite(ledPin, HIGH); // sets the LED on
  delay(1000);                // waits for a second
  digitalWrite(ledPin, LOW);  // sets the LED off
  delay(1000);                // waits for a second
}
```