

# Interfacing of LED

---

## E.E. Graded Activity 5

**Chandana Ramesh Galgali**

**Wednesday Batch Roll No.16010422234**

LED Interfacing with ArduinoDesign and implementation of different patterns using different colors of LEDs, vary on / off sequence and duration. Add the Code with comments, connection diagram on Tinkercad and Video of implementation.

**Code:**

```
// C++ code

//

void setup()

{

    pinMode(LED_BUILTIN, OUTPUT);

}


void loop()

{

    digitalWrite(LED_BUILTIN, HIGH);

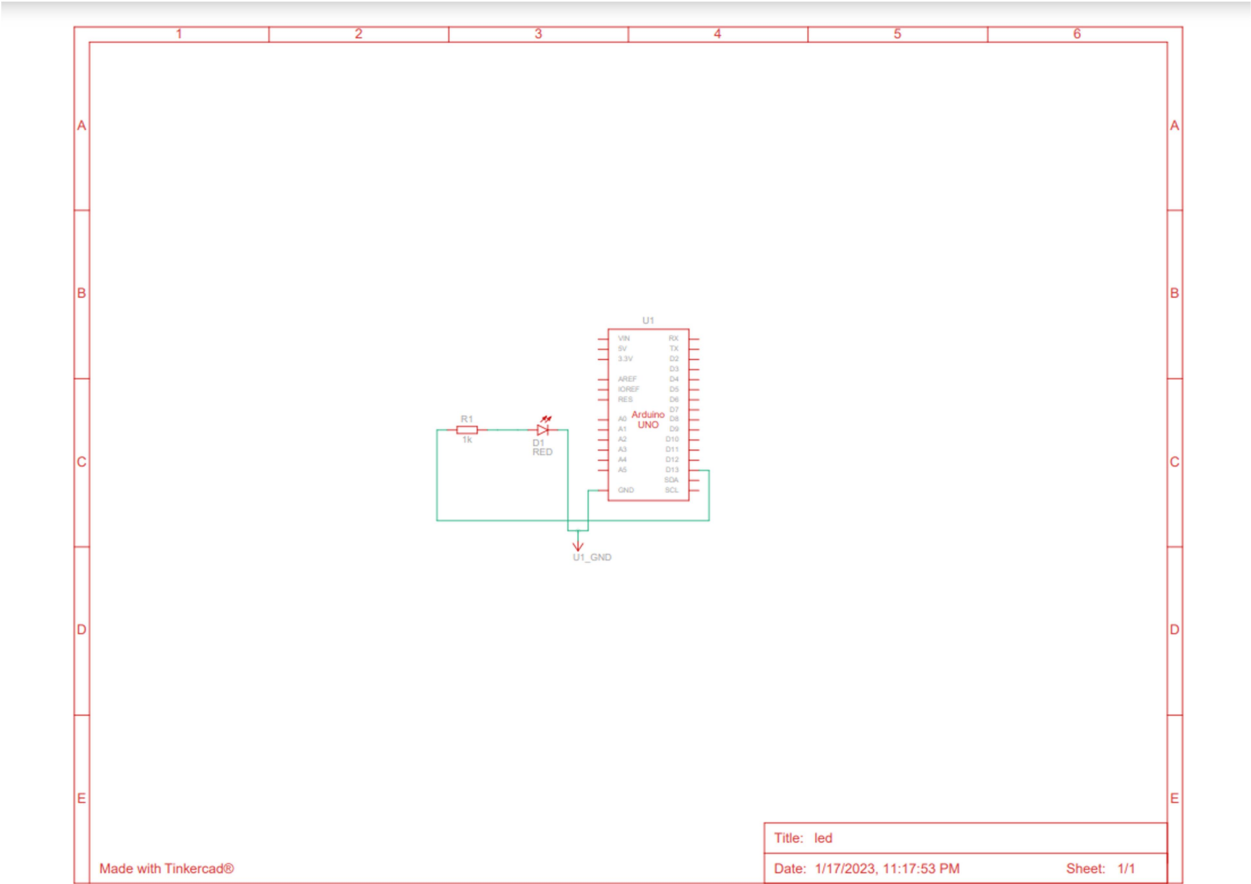
    delay(5000); // Wait for 5000 millisecond(s)

    digitalWrite(LED_BUILTIN, LOW);

    delay(5000); // Wait for 5000 millisecond(s)

}
```

Connection diagram: (Schematic view)



Connection diagram: (Circuit view)

