Code   ▶ Start Simulation   Send To
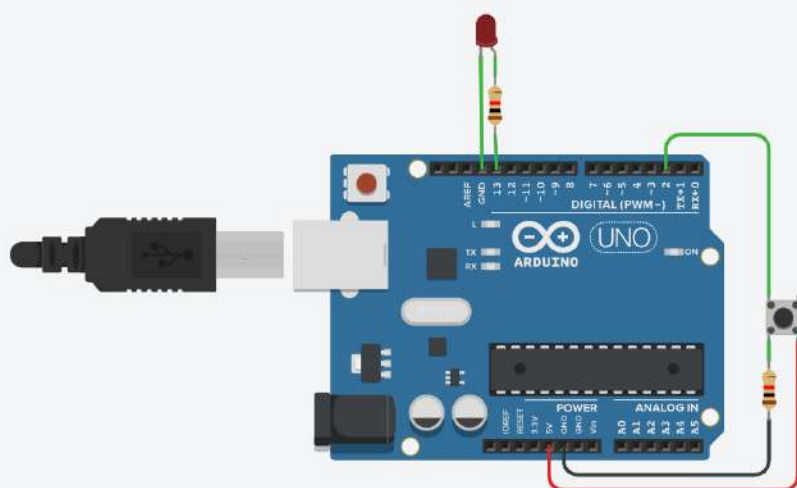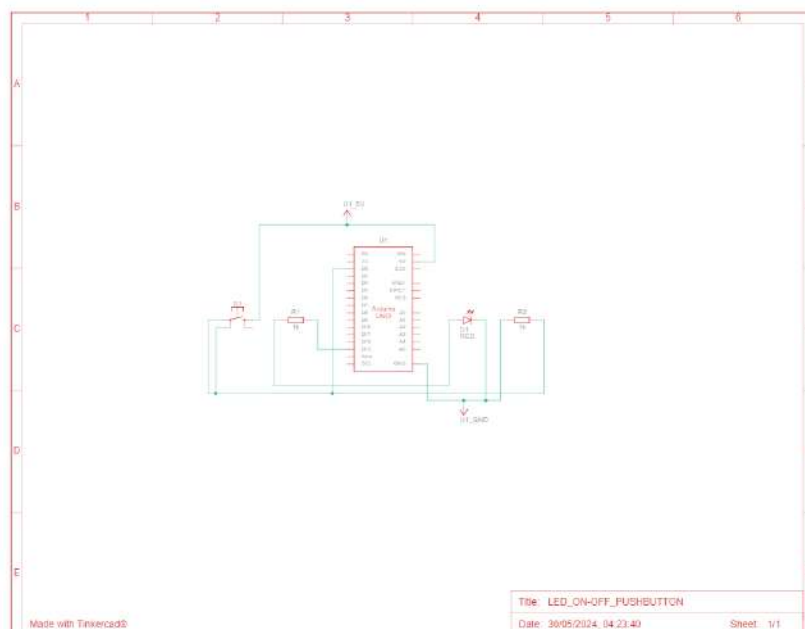
Text   ▼   1 (Arduino Uno R3) ▼

```
1  void setup() {
2    DDRB |= (1 << DDB5);
3    DDRD &= ~(1 << DDD2);
4    PORTD |= (1 << PORTD2);
5  }
6
7  void loop() {
8    if (!(PIND & (1 << PIND2))) {
9      delay(50);
10     if (!(PIND & (1 << PIND2))) {
11       PORTB |= (1 << PORTB5);
12       delay(300);
13       PORTB &= ~(1 << PORTB5);
14       while (!(PIND & (1 << PIND2))) {
15         delay(50);
16       }
17     }
18   }
19 }
```

Serial Monitor

Schematic View

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Title: LED_ON-OFF_PUSHBUTTON		
Date: 30/05/2024, 04:23:40		Sheet: 1/1

Name	Quantity	Component
U1	1	Arduino Uno R3
R1 R2	2	1 kΩ Resistor
S1	1	Pushbutton
D1	1	Red LED