

UNIVERSITY OF INFORMATION TECHNOLOGY & SCIENCES



**ASSIGNMENT**  
on  
**INTERNET OF THINGS LAB**

Submitted To  
*Ayanava Paul*  
Lecturer,  
Department of CSE, UITs

Submitted By

*FAZLAY RABBI*

Department	⇒ CSE
ID	⇒ 2125051070
Semester	⇒ Autumn 2024
Batch	⇒ 50
Section	⇒ 7B1
Subject Code	⇒ CSE 402
Date of Submission	⇒ 09.09.2024

Signature

# One LED blinking

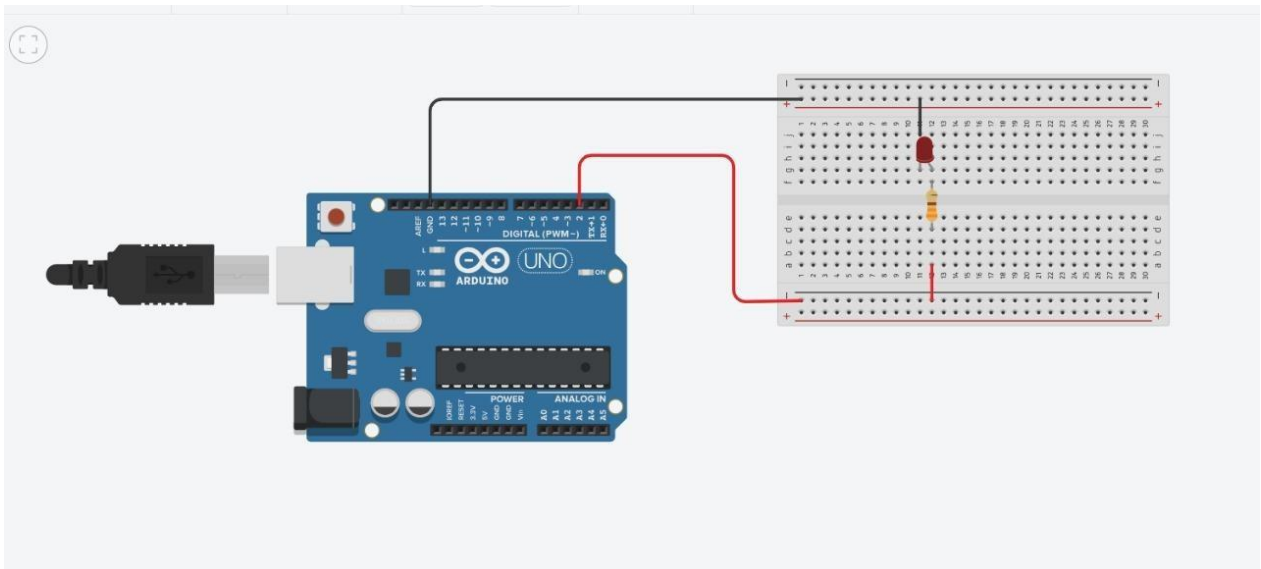
## Title: **Blink one LED using a Arduino UNO R3**

Necessary Equipment: 1. Arduino UNO R3

2. Breakbord

3. 330 Ohm resistor

4. One LED



```
1 // C++ code
2 int pin = 2;
3 void setup()
4 {
5     pinMode(pin, OUTPUT);
6 }
7
8 void loop()
9 {
10    digitalWrite(pin, HIGH);
11    delay(1000); // Wait for 1000 millisecond(s)
12    digitalWrite(pin, LOW);
13    delay(1000); // Wait for 1000 millisecond(s)
14 }
```

# Multiple LED blinking in reverse order

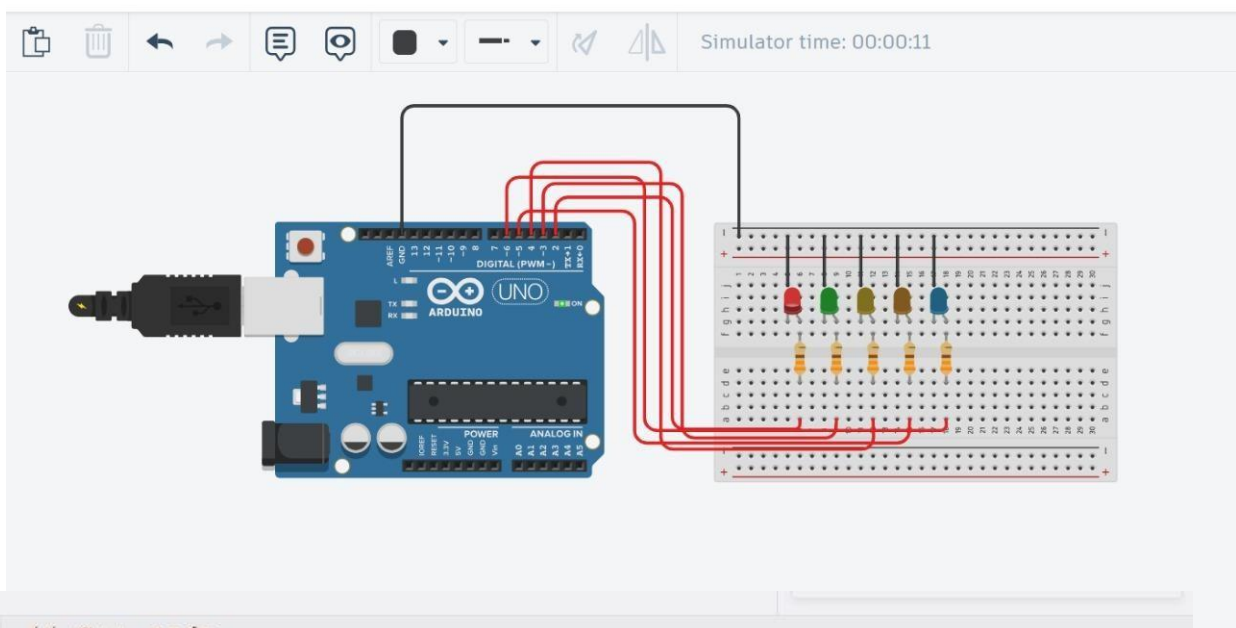
## Title: **Blinking multiple LED in reverse order using a Arduino UNO R3**

Necessary Equipment:

1. Arduino UNO R3
2. Breakbord
3. 330 Ohm resistor
4. 5LED

2. multiple light

All c



```
1 // C++ code
2 int pin[] = {2,3,4,5,6};
3 int al = 5;
4 void setup()
5 {
6     for(int i = 0;i < 5;i++){
7         pinMode(pin[i], OUTPUT);
8     }
9 }
10
11 void loop(){
12     for(int i = 0; i<al;i++){
13         digitalWrite(pin[i], HIGH);
14         delay(1000); // Wait for 1000 millisecond(s)
15         digitalWrite(pin[i], LOW);
16         delay(1000); // Wait for 1000 millisecond(s)
17     }
18 }
```

