

**Name – Parag Gattani**

Program No. – 01

Program Title – LED Blinking

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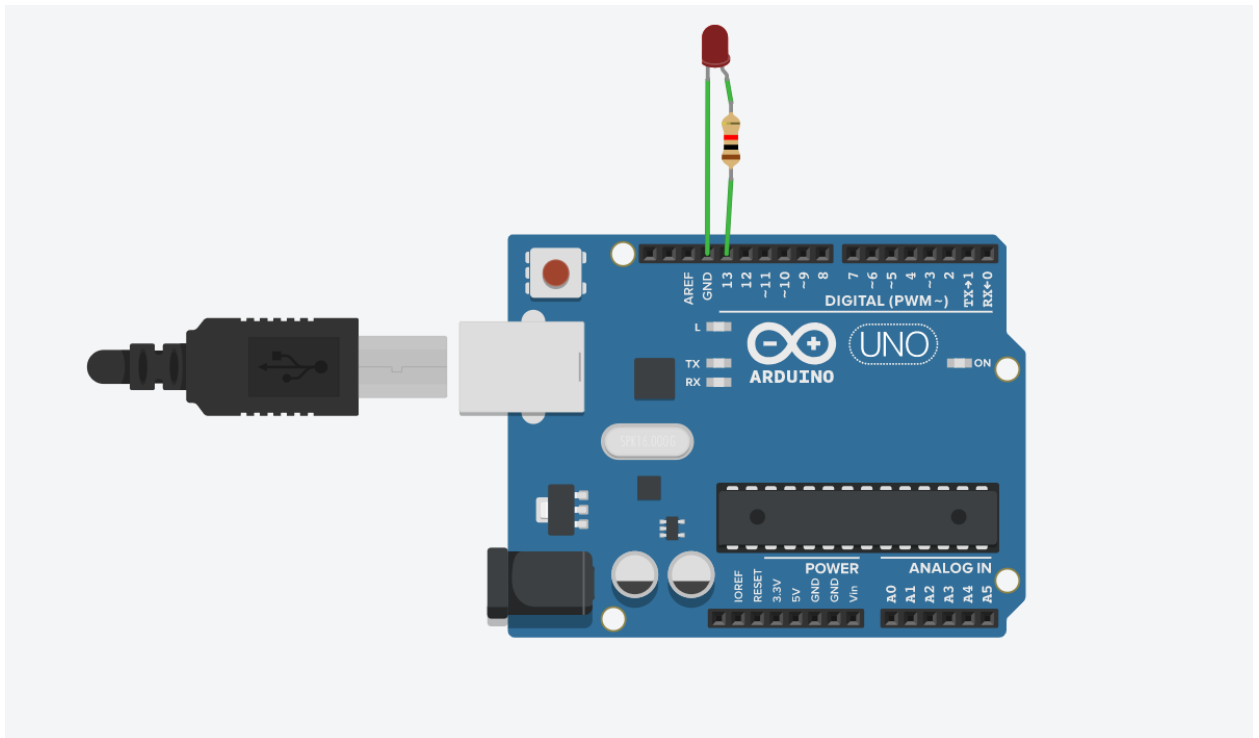
## **AIM**

Turn the LED on for a second, then off for a second, repeatedly.

## **HARDWARES REQUIRED**

- Arduino Board
- LEDs

## **CIRCUIT DIAGRAM**



## WRITE-UP

	<p>Name → Pranav Gattani USN - 18M18CS067</p> <p>16/9/2020</p>
Exp. No. - 1	LED Blinking
	<p>Aim:- Turn on the LED on for a second, then off for a second, repeatedly.</p>
	<p>Hardware Required :-</p> <ul style="list-style-type: none"><li>• Arduino Board</li><li>• LEDs.</li></ul>
	<p>CODE :-</p>
	<pre>void setup() {     pinMode(13, OUTPUT); }  void loop() {     digitalWrite(13, HIGH);     delay(1000);     digitalWrite(13, LOW);     delay(1000); }</pre>

## CODE

```
void setup()
{
  pinMode(13, OUTPUT);
}

void loop()
{
  digitalWrite(13, HIGH);
  delay(1000); // Wait for 1000 millisecond(s)
  digitalWrite(13, LOW);
  delay(1000); // Wait for 1000 millisecond(s)
}
```

## OUTPUT

The LED was found to be blinking at an interval of 1000 ms.