Sakshi Srivastava
1BM18CS090

PROGRAM TITLE: BLINKING LED

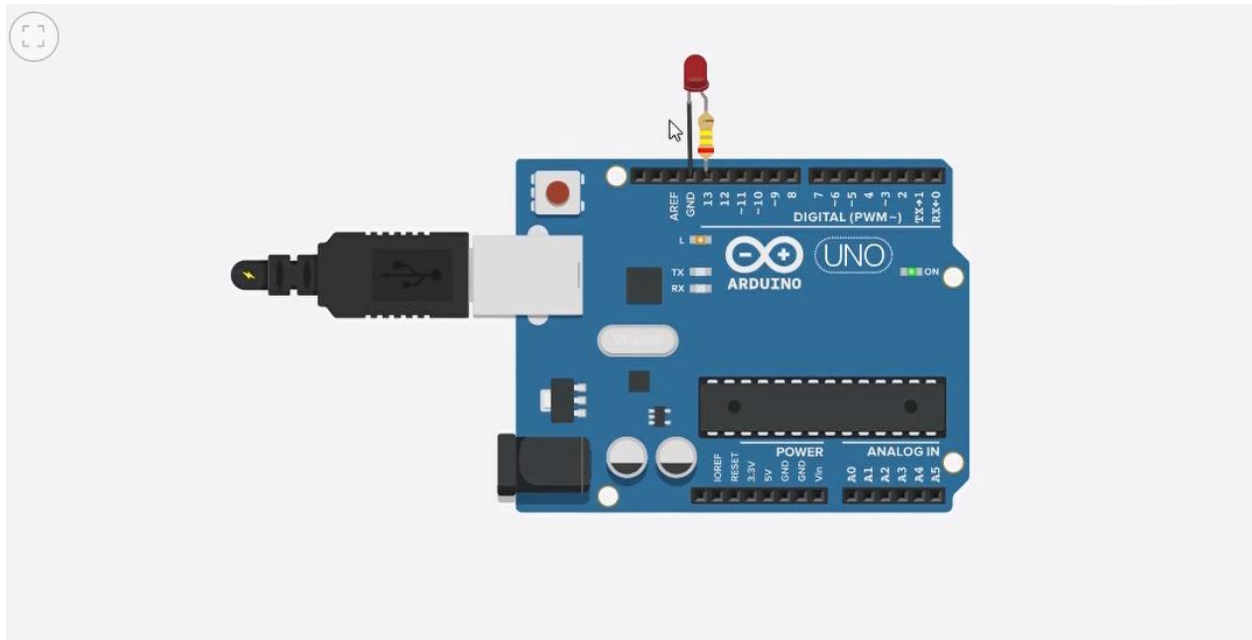**Aim:** TO TURN ON THE LED FOR A SECOND AND TURN IT OFF REPEATEDLY

Hardware Required:

- Arduino Board
- LEDs

Circuit Diagram:

Write-Up:

LED BLINKING.

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

Hardware Required:
- Arduino Board
- LEDs.

CODE:

```
// Pin 13 has an LED connected on most Arduino
   boards.

void setup()
{
  // initialise the digital pin as an output.
  pinMode (13, OUTPUT);
}


void loop()
{   digitalWrite (13, HIGH);// turns the LED on.
    delay (1000);   // wait for a second.
    digitalWrite (13, LOW);  turns the LED off.
    delay (1000);  // wait for a second.
}
```

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CODE:

```
void setup()
{
 pinMode(13,OUTPUT);
}
void loop()
{
 digitalWrite(13,HIGH);
 delay(1000);
 digitalWrite(13,LOW);
 delay(1000);
}
```

Observation /Output:

LED is blinking.