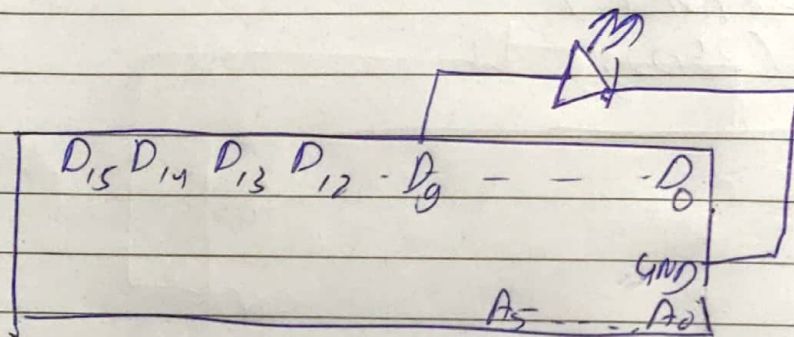


## Flaming LED

Aim: Demonstrate to show Flaming LED

Hardware: Arduino Board, LED, connecting wire, Resistor

Circuit Diagram:



Code:

```
int brightness = 0;
void setup ()
{
  pinMode(11, OUTPUT);
}
void loop ()
{
  for (brightness = 0; brightness <= 255;
       brightness += 5)
  {
    analogWrite(11, brightness);
    delay(30);
  }
  for (brightness = 255; brightness >= 0; brightness
       -= 5)
  {
    analogWrite(11, brightness);
    delay(30);
  }
}
```