## Name - Parag Gattani

Program No. – 11

Program Title – Vibration motor and LDR

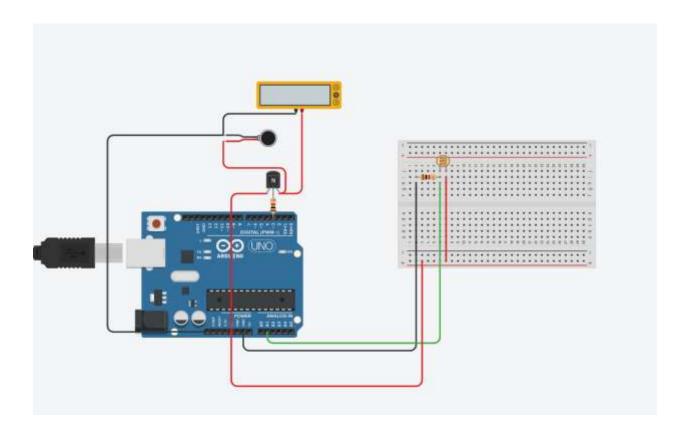
#### **AIM**

To design an automated day indicator system.

#### **HARDWARES REQUIRED**

- Arduino Board
- NPN Transistor
- Resistor
- Vibration motor
- Multimeter
- Photoresistor

### **CIRCUIT DIAGRAM**



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	Code	
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	degetal Write (motorfin, LOW);}	
	3	X

```
int motorPin = 3;
int sensorPin = A1;
int threshold = 400;
void setup()
{
     pinMode(motorPin, OUTPUT);
     Serial.begin(9600);
}
void loop()
{
     int sensorValue = analogRead(sensorPin);
     Serial.println(sensorValue);
     if(sensorValue > threshold)
     {
           digitalWrite(motorPin, HIGH);
     }
     else
     {
```

```
digitalWrite(motorPin, LOW);
}
```

# OUTPUT

Designed an automated day indicator system.