

Program 11

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Program Title: Day Indicator System

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Aim: Design an automated day indicator (Vibrator motor and LDR)

Hardware Required:

- Arduino
- Breadboard
- LDR
- NPN transistor
- Multimeter
- Resistor

Code:

```

int sensorValue;
void setup()
{
  pinMode(3, OUTPUT);
  Serial.begin(9600);
}
void loop()
{
  sensorValue = analogRead(A0);
  Serial.println(sensorValue);
  if (sensorValue > 400) {
    digitalWrite(3, HIGH);
  }
  else {
    digitalWrite(3, LOW);
  }
}

```



# Diagram

