

PROGRAM : IIVSN: 1BM18CS103PROGRAM TITLE : Day indicator system.AIM : Design an automated day indicator (Vibration motor and LDR).Hardware Required :

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

Code :

```
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)
```

Teacher's Signature : \_\_\_\_\_

VSN: IBM1P(S103

```
    {  
        digitalWrite(motorPin, HIGH);  
    }  
    else  
    {  
        digitalWrite(motorPin, LOW);  
    }  
}
```

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