



CODE:

```
# define GREEN 2
# define ORANGE 3
# define RED 4
# define Buzzer 5
# define Sensor A0

void setup() {
  for (int i = 2; i < 6; i++)
    pinMode(i, OUTPUT);

  Serial.begin(9600);
}

void loop() {

  for (int i = 2; i < 6; i++)
    digitalWrite(i, LOW);

  status_Indicator();

}

void status_Indicator()
{
  int sensor_In = analogRead(A0);
  Serial.println(sensor_In);

  if ( sensor_In >=40 )
  {
```

```
    digitalWrite(RED, HIGH);  
    digitalWrite(Buzzer,HIGH);  
}  
else if (sensor_In >=25 )  
{  
    digitalWrite(ORANGE, HIGH);  
} else  
{  
    digitalWrite(GREEN, HIGH);  
}  
delay(10);  
}
```