



```
byte tmp = A1;
```

```
byte led = 2;
```

```
int balamurugan;
```

```
void setup()
```

```
{  
  pinMode(tmp, INPUT);  
  pinMode (2, OUTPUT);  
  Serial.begin(9600);  
}
```

```
void loop()
```

```
{  
  balamurugan = analogRead(tmp);  
  balamurugan = balamurugan * 0.488;  
  Serial.print("balamurugan : ");  
  Serial.println(balamurugan);  
  if (balamurugan < 50) {
```

```
    digitalWrite(2, HIGH);  
}  
else {  
    digitalWrite(2, LOW);  
}  
delay(100);  
  
}
```