Assignment Date	09 September 2022
Student Name	Mrs. Kogila
Student Roll Number	422119106004
Maximum Marks	2 Marks

TASK:

SMART HOME APPLIANCES

PROJECT:

NEAT MIGELO

CODE:

```
const int relayPin = 13;

const int ldrPin = A0;


void setup() {

Serial.begin(9600);

pinMode(relayPin,
OUTPUT);

pinMode(ldrPin,
INPUT);

}

void loop() {

int ldrStatus =
analogRead(ldrPin);


if (ldrStatus <=400) {

digitalWrite(relayPin,
LOW);

Serial.println("LDR is
DARK, LED is ON");

}
```

```
else {

digitalWrite(relayPin,
HIGH);

Serial.println("----------
-----");

}
}
```

CIRCUIT: