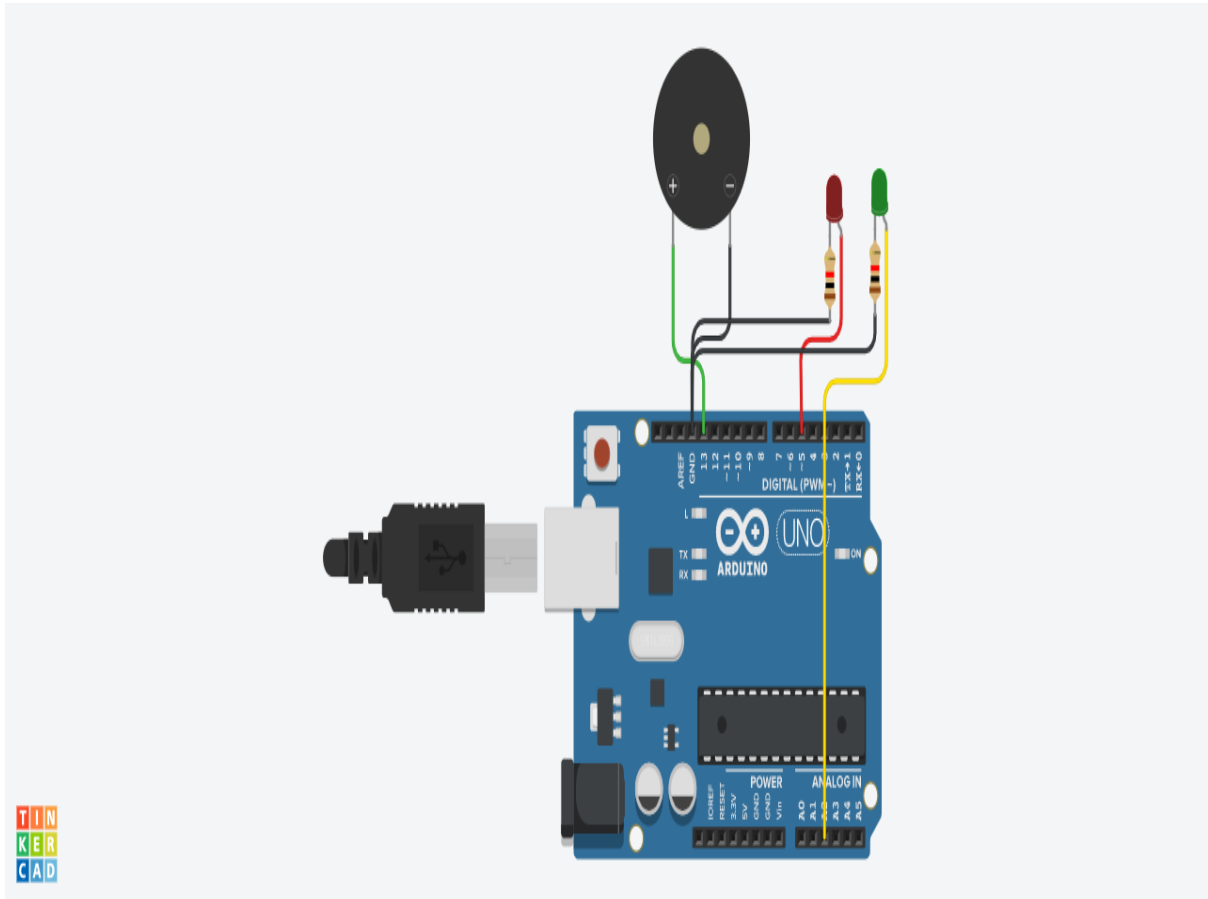


ASSIGNMENT NO:1



```
const int ledPin = 13;

const int ldrPin = A0;

void setup() {

  Serial.begin(9600);

  pinMode(ledPin, OUTPUT);

  pinMode(ldrPin, INPUT);

}

void loop() {

  int ldrStatus = analogRead(ldrPin);

  if (ldrStatus <= 200) {

    digitalWrite(ledPin, HIGH);

    Serial.print("Its DARK, Turn on the LED : ");

    Serial.println(ldrStatus);

  } else {

    digitalWrite(ledPin, LOW);

    Serial.print("Its BRIGHT, Turn off the LED : ");
```

```
Serial.println(ldrStatus);
```

```
}
```

```
}
```