

Assignment -1

Assignment Date	19 September 2022
Student Name	Indhu Sree R
Student Roll Number	511319106014
Maximum Marks	2 Marks

Question-1:

Write a program to blow 2 led with connection of any 2 sensor and a buzzer in Arduino board.

Solution:

```
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);

  }
}
```

