**Assignment -1**

Creating a Circuit using Sensors, Buzzer & LED’s

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| Assignment Date | 9th September 2022 |
| Student Name | NISHANTHINI N |
| Student Roll Number | 737819ITR056 |
| Maximum Marks | 10 Marks |

**Question-1:**

Create a Circuit using Arduino, 2 Sensors, Buzzers and LED’s **Solution:**

Int blueLED1 = 2;

Int yellowLED2 = 3;

Int greenLED3 = 4;

Int redLED4 = 5;

Int buzzer = 6;

Void setup() { //Setup Code pinMode(blueLED1, OUTPUT); pinMode(yellowLED2, OUTPUT); pinMode (greenLED3, OUTPUT); pinMode(redLED4, OUTPUT); (buzzer, OUTPUT); digitalWrite(buzzer, HIGH);

}

Void loop () {//Loop code

digitalWrite (blueLED1, HIGH); delay(50); digitalWrite(blueLED1, LOW); digitalWrite(yellowLED2, HIGH); delay(50); digitalWrite(yellowLED2, LOW); digitalWrite(greenLED3, HIGH); delay(50); digitalWrite(greenLED3, LOW);

digitalWrite (redLED4, HIGH); delay(50);

digitalWrite(redLED4, LOW); digitalWrite(greenLED3, HIGH); delay(50); digitalWrite(greenLED3, LOW); digitalWrite(yellowLED2, HIGH);

delay(50);

digitalWrite(yellowLED2, LOW);

# OUTPUT;-

