## Assignment -1

Creating a Circuit using Sensors,Buzzer & LED’s

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| Assignment Date | 9th September 2022 |
| Student Name | Mithila S K |
| Student Roll Number | 737819ITR047 |
| 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;-

