**Assignment -1**

| Student Name | Sneha.M |
|---|---|
| Student Roll Number | 1902225 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write a program for home automation using sensors.

**CODE:**

```
int sensorValue=0;

voide setup()

{

ptnMode(A0,INPUT);

pinMode(LED_BUILTIN,OUTPUT);

}

Void loop()

{

SensorValue=analogRead(A0);

digitalWrite(LED_BUILTIN,HIGH);

display(sensorValue);

digitalWrite(LED_BUILTIN,LOW);

display(sensorValue);


}
```

CIRCUIT DIAGRAM: