**Assignment -1**

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| Assignment Date | 19 September 2022 |
| Student Name | Janarthana Krishna V |
| Student Roll Number | 19BEC088 |
| 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:

