

Assignment -1

Assignment Date	19 September 2022
Student Name	Selva Vinayagam M
Student Roll Number	19BEC032
Maximum Marks	2 Marks

Question-1:

Write a program for home automation using sensors.

CODE:

```
int sensorValue=0;

void setup()
{
  pinMode(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:

