Assignment -1

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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: