# Assignment-1

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**Question-1:**

Writeaprogramforhomeautomationusingsensors.

# CODE:

int sensorValue=0;voidesetup()

{

ptnMode(A0,INPUT);pinMode(LED\_BUILTIN,OUTPUT);

}

Voidloop()

{

SensorValue=analogRead(A0);digitalWrite(LED\_BUILTIN,HIGH);display(sensorValue);digitalWrite(LED\_BUILTIN,LOW);display(sensorValue);

}

CIRCUITDIAGRAM:

