Assignment-1

Assignment Date	19 September 2022
Student Name	S.L.SENTHIL SACHINE
Student Roll Number	910619106307
Maximum Marks	2 Marks

Question-1:

HOME AUTOMATION

```
int t = 3;

int e =2;

void setup()

{

  Serial.begin(9600);

  pinMode(t,OUTPUT);

  pinMode(e,INPUT);

}

void loop()

{

  digitalWrite(t,LOW);

    digitalWrite(t,HIGH);

delayMicroseconds(10);

    digitalWrite(t,LOW);

  float dur =pulseIn(e,HIGH);

  float dis =(dur*0.0343)/2;

  Serial.print("distance:");

  Serial.println(dis);

}
```