

Assignment -1
HOME AUTOMATION

Assignment Date	19 September 2022
Student Name	LATHA V
Student Roll Number	621319106048
Maximum Marks	2 Marks

Question-1: smart home automation designs provide an unprecedented level of comfort and convenience in Melbourne homes, delivering you a personalised and innovative room experience.

Solution:

```
#include<Servo.h>
Servo myservo;
int led=6;
int pir=2;
void setup()
{
    Serial.begin(9600);
    pinMode(pir,INPUT);

    pinMode(led,OUTPUT);
    myservo.attach(9);
}
void loop()
{
    int
    val=digitalRead(pir);
    Serial.println(val);
    if(val==HIGH)
    {

        digitalWrite(led,HIGH);
        myservo.write(70);
    }
    else
    {

        digitalWrite(led,LOW);
        myservo.write(10);
    }
}
```

