

Assignment -1
HOME AUTOMATION

Assignment Date	19 September 2022
Student Name	SUVALAKSHMI P
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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);
}
}
```

