

Assignment date	19SEPTEMBER2022
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Maximummarks	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);
  }
}
```

