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|---------------------|-------------------|
| Assignment date     | 19 SEPTEMBER 2022 |
| Student Name        | R.Praveen         |
| Student Roll Number | 73771913150       |
| 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);
  }
}
```

