Assignment -01

Python Programming

Assignment Date	19 September 2022
Student Name	Ms. Santhiya R
Student Roll Number	73771913166
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);
KER Brilliant Rottis
                                                                              All changes saved 📋 🗓 🗏
ARDUINO UNO
                               POWER ANALOGIN
                                                    Brilliant Rottis
                                                                              All changes saved
□ □ ← → □ □ □ · - · Ø △ Simulator time: 00:00:01
                                                                                  I▶ 🕝 1 (Arduino Uno R3) 🔻
                                                                {
Serial.begin(9600);
pinMode(pir,INFUT);
pinMode(led,OUTFUT);
myservo.attach(9);
                                   )
else
```