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| Assignment date | 19 SEPTEMBER 2022 |
| Student Name | K.Sriramsundhar |
| Student Roll Number | 73771913173 |
| 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 &lt;Servo.h&gt; 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);

}

}



