**Assignment - 1**

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| Assignment date | 19 September 2022 |
| Student Name | Gopalakrishnan N |
| Student Roll Number | 73771913401 |
| 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);

}

}



