Assignment - 1

TEAM ID - PNT2022TMID38841

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;


{
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);

}

}

OUTPUT :

Saved

Code ► Start Simulation Send To

Search

Resistor	LED	Pushbutton
Potentiometer	Capacitor	Slideswitch
9V Battery	Coin Cell 3V Battery	1.5V Battery