

ASSIGNMENT DATE	19 SEPTEMBER 2022
TEAM ID	PNT2022TMID11763
REGISTER NUMBER	73771913136
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM

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);

}

}

