

## Assignment -1

### Python Programming

Assignment Date	17 September 2022
Student Name	S.Ramchandru
Student Roll Number	923319104044
Maximum Marks	2 Marks

#### Question-1:

Make a smart home with 2-3 sensors,LED,Buzzer in single code and connections.

```
#include<Servo.h>

Servo s;

int led=6;

int pir=2;

int buzz=13;

void setup()
{
    pinMode(pir,INPUT);
    pinMode(led,OUTPUT);
    pinMode(buzz,OUTPUT);
    s.attach(8);
    Serial.begin(9600);
}

void loop()
{
    int val = digitalRead(pir);

    Serial.println(val);

    if(val==HIGH)
```

```

{
  digitalWrite(led,HIGH);
  s.write(90);
  tone(buzz,131);
}
else
{
  digitalWrite(led,LOW);
  s.write(0);
  noTone(buzz);
}
delay(10);
}

```

