ASSIGHNMENT 1
Build a smart home in tinkercad

Assignment Date	14 November 2022
Student Name	Divya T
Student Roll Number	512219104005
Maximum Marks	2 Marks

Question:

Build a smart home in tinkercad use atleast 2 sensors, led, buzzer in a circuit. Simulate in a single code.

Code:

```
#Assignment1:

int pirsensor = 0;

void setup()

{

    pinMode(2,INPUT);

    pinMode(12,OUTPUT);

    pinMode(13,OUTPUT);

}

void loop()
```

```
{
        pirsensor = digitalRead(2);
if(pirsensor == HIGH)
{
        //glow led
        digitalWrite(13,HIGH);
        //ring buzzer
        tone(12,500,500);
}
digitalWrite(13,LOW);
}
```