IBM Nalaiyathiran
Assignment-1

Aim:

To build a smart home in Tinkercad with 2 sensors, an Led, buzzer.

Source Code:

```
int LED = 8;
int PIR = 2;
void setup()
{
 Serial.begin(9600);
 pinMode(PIR,INPUT);
 pinMode(LED,OUTPUT);
}
void loop()
{
 int value = digitalRead(PIR);
 Serial.println(value);
 if(value==1){
 digitalWrite(LED,HIGH);
 }
 else{
 digitalWrite(LED,LOW);
 }
 delay(100);
}
```

Output: