

ASSIGNMENT NO-1

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Question:

Build a smart home in Thinker cad with 2 sensors, an Led, buzzer

Code:

```
float x,y;
void setup()
{
  pinMode(8,INPUT);
  pinMode(5,OUTPUT);
  pinMode(A5,INPUT);
  Serial.begin(9600);
}

void loop ()
{
  x=digitalRead(8);
  y=analogRead(A5);
  Serial.println(x);
  Serial.println(y);
  if ((x>0) && (y<550))
  {
    digitalWrite(5,HIGH);
    delay (5000);
  }
  else
  {
    digitalWrite(5, 0);
  }
}
```

Outputt

