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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);
}
}
```

Output⬇

Glorious Habbi

All changes saved

Simulator time: 00:00:36.531

Code Stop Simulation Send To

1 (Arduino Uno R3)

5.00 V
0.00 A

```
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);

}
```

Serial Monitor

Glorious Habbi

All changes saved

Simulator time: 00:00:51

Code Stop Simulation Send To

1 (Arduino Uno R3)

5.00 V
104 mA

```
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);

}
```

Serial Monitor