

ASSIGNMENT

**BUILD A SMART
HOME**

DATE	17 - 09 -2022
TEAM ID	PNT2022MID49676
PROJECT NAME	Gas Leakage Monitoring & Alerting System

Build a smart home in Thinker cad with 2 sensors, an Led, buzzer and submit it.

Program:

```
int inputPin = 9; int
pirState = LOW;int
val = 0;

void setup() {
pinMode(LED_BUILTIN, OUTPUT);
pinMode(inputPin, INPUT);
Serial.begin(9600);
}

void loop() {
val = digitalRead(inputPin);if
(val == HIGH) {
digitalWrite(LED_BUILTIN,
HIGH);if (pirState == LOW) {
pirState = HIGH;
}
}
else {
digitalWrite(LED_BUILTIN, LOW);
if (pirState == HIGH){
Serial.println("Motion stopped!");
```

OUTPUT:



