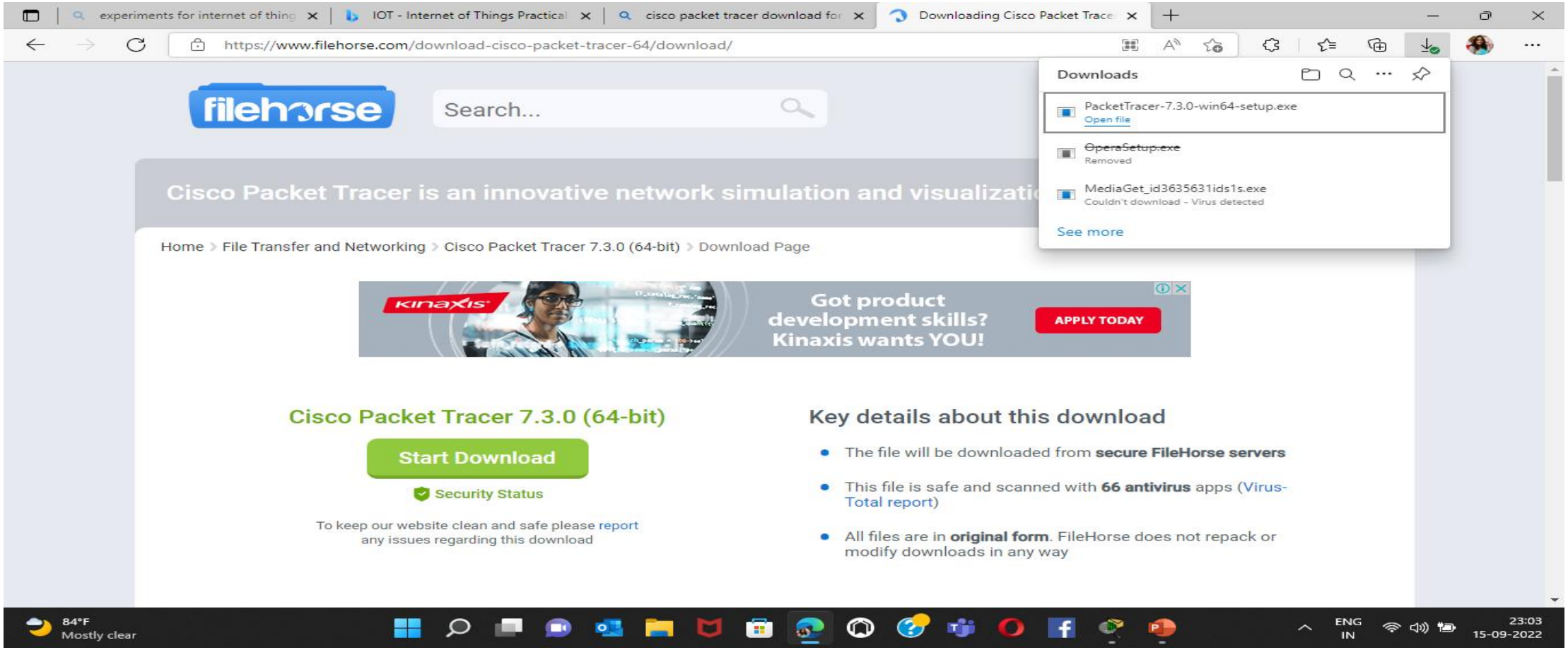
SMART HOME AUTOMATION USING CISCO PACKET TRACER

DR.B.NAGAJAYANTHI

SENSE

To download Cisco Packet Tracer

- Downloading Cisco Packet Tracer 7.3.0 (64-bit) from FileHorse.com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Downloading Cisco Packet Trace
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Cisco Packet Tracer 7.3.0 (64-bit)
Start Download
Security Status
To keep our website clean and safe please report any issues regarding this download
Key details about this download
The file will be downloaded from secure FileHorse servers
This file is safe and scanned with 66 antivirus apps (VirusTotal report)
All files are in original form. FileHorse does not repack or modify downloads in any way
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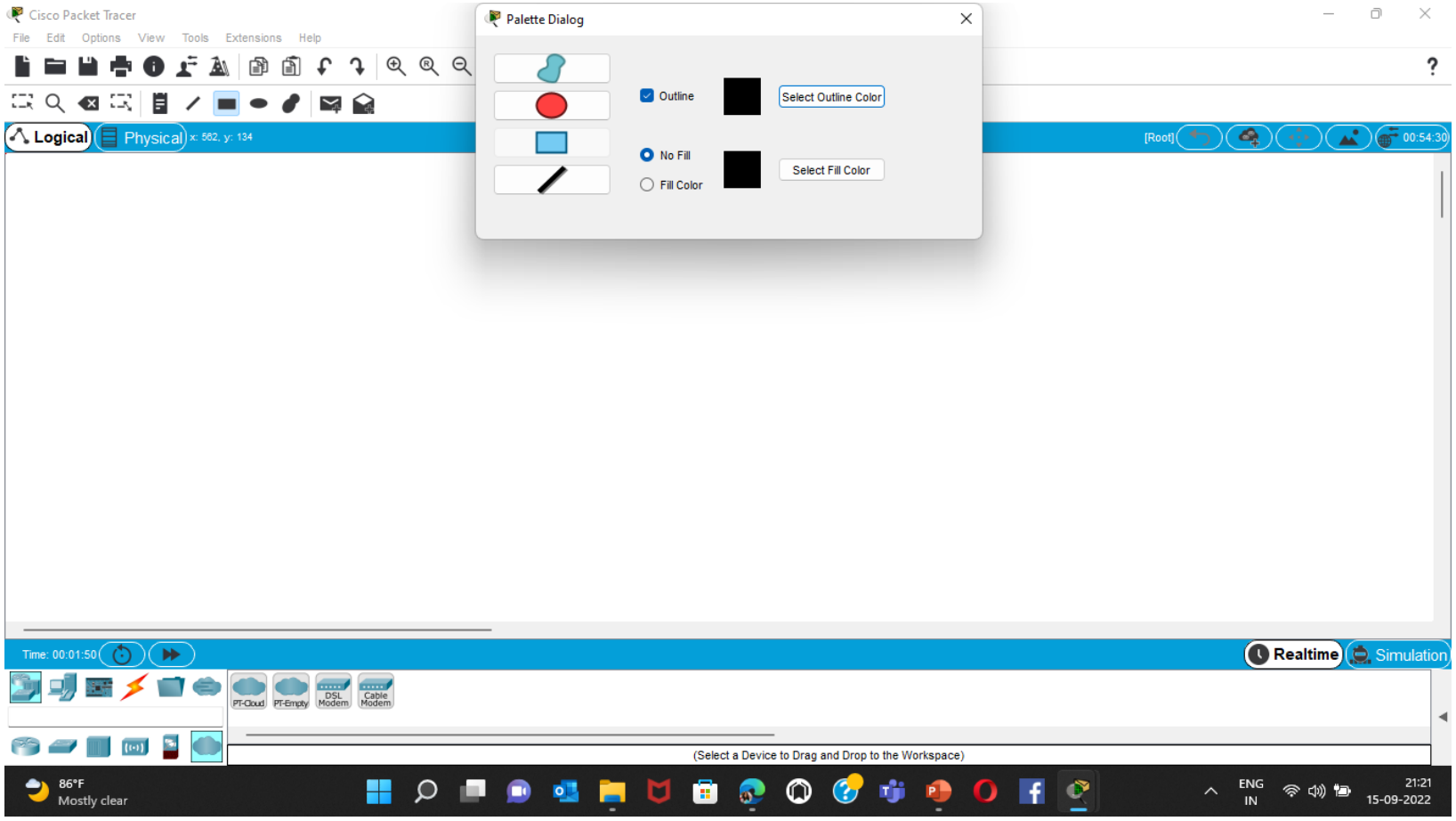
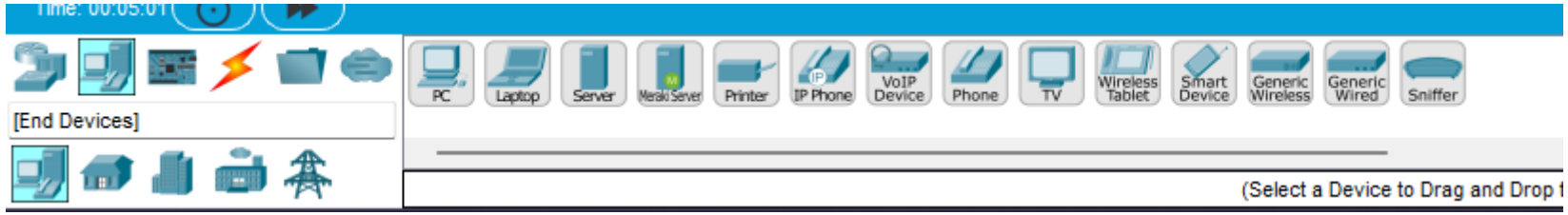
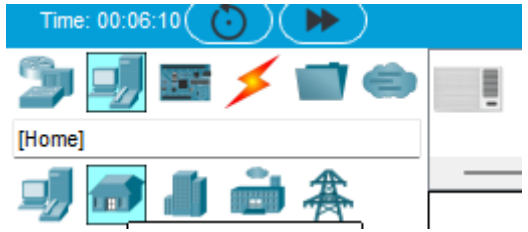
ENG
IN
23:03
15-09-2022

If required rooms can be made

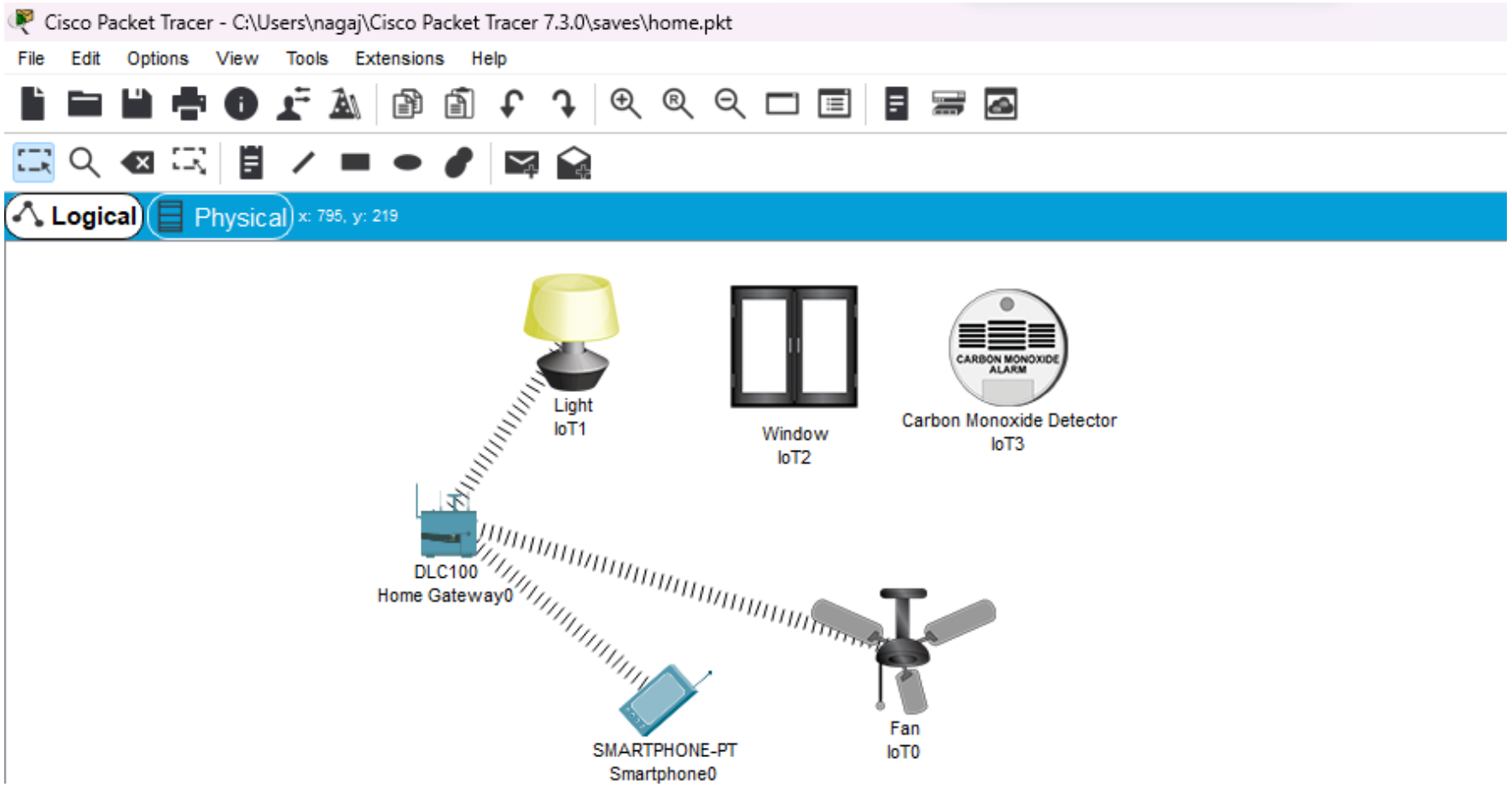


Click End Devices-Home-Add devices

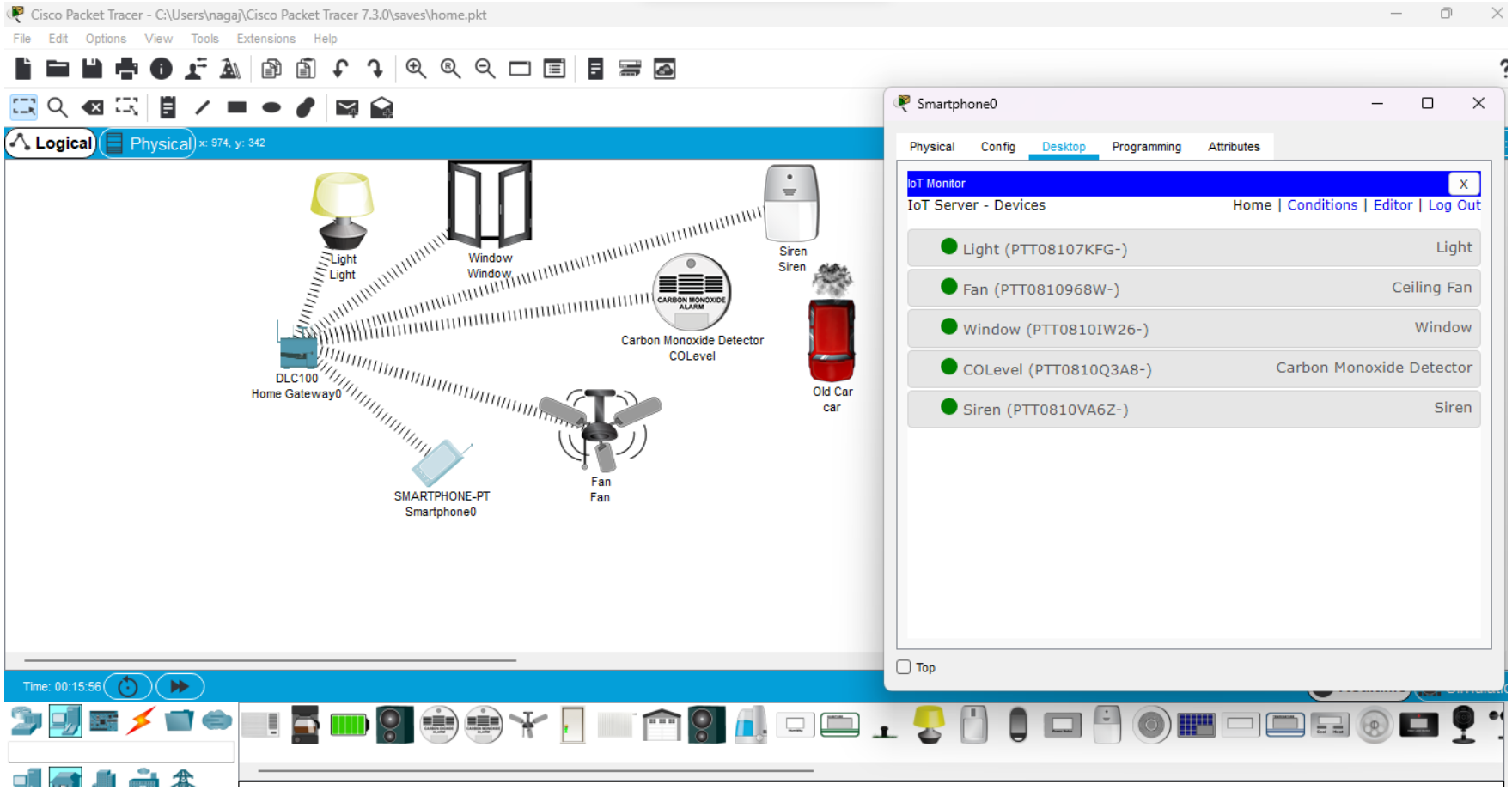




Click and drag the components



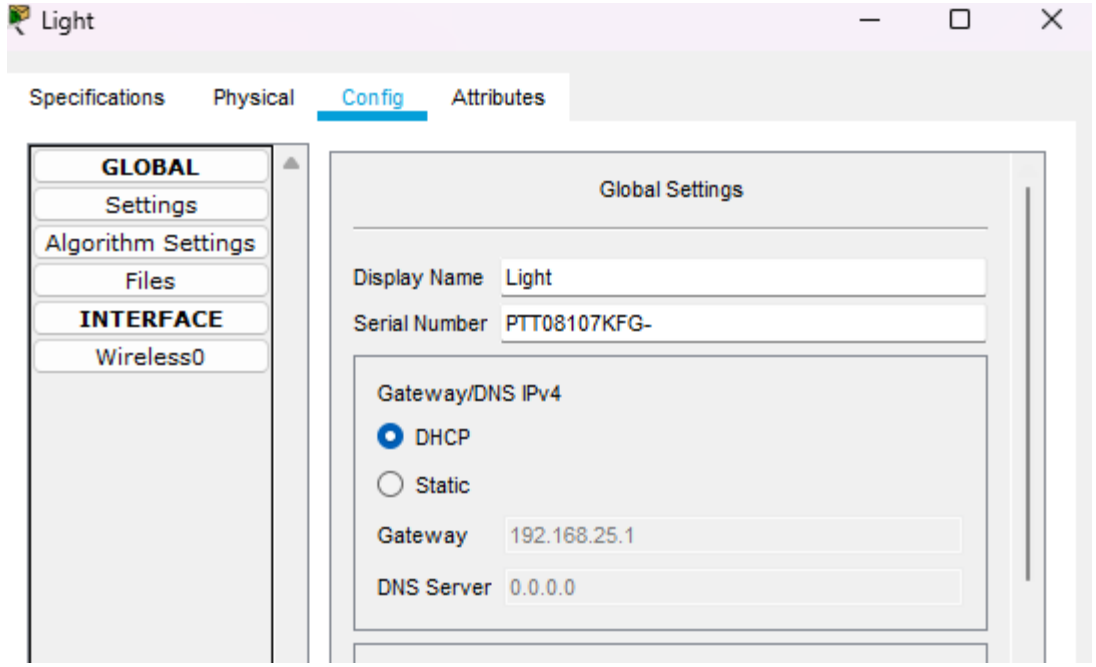
To activate car and check carbon monoxide_add car from smart city_alt _move to test pollution

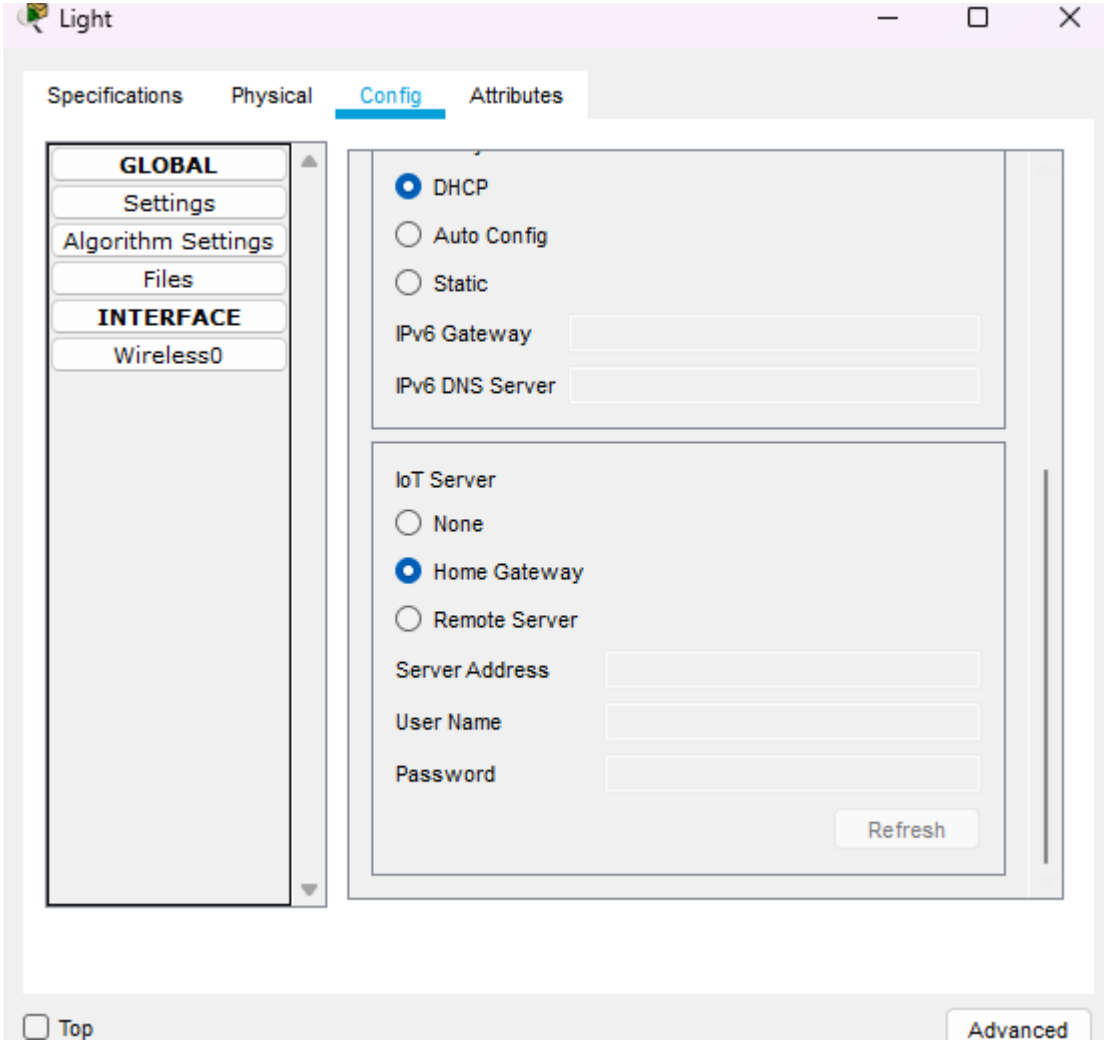


To connect each device to the Gateway

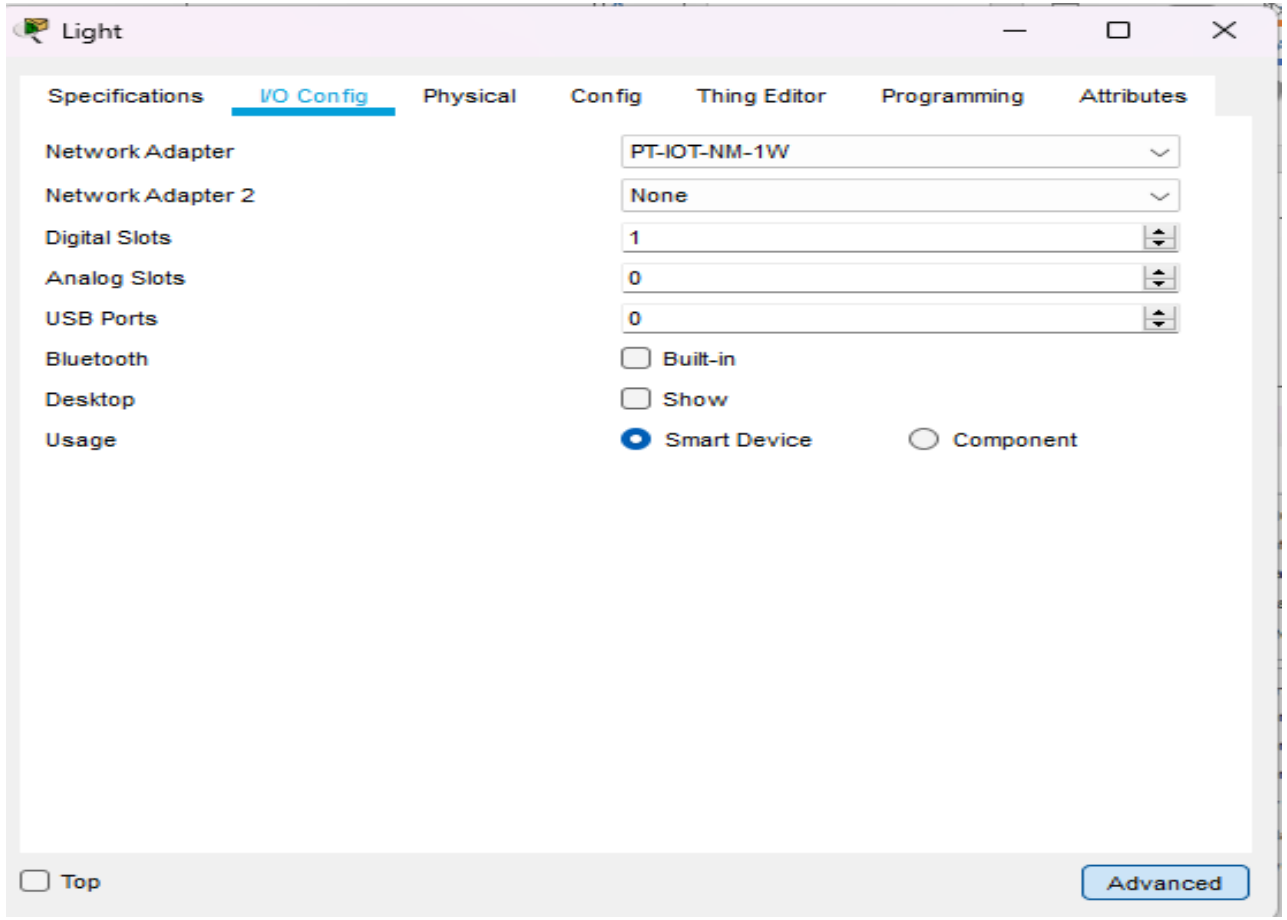
- Click the device-Advanced-I/O Confiq-Network Adapter select=1W for wireless-Config_Display Name-give name-IoTServer- Select Home Gateway

For light-Advanced-Config-display name-IoT Server

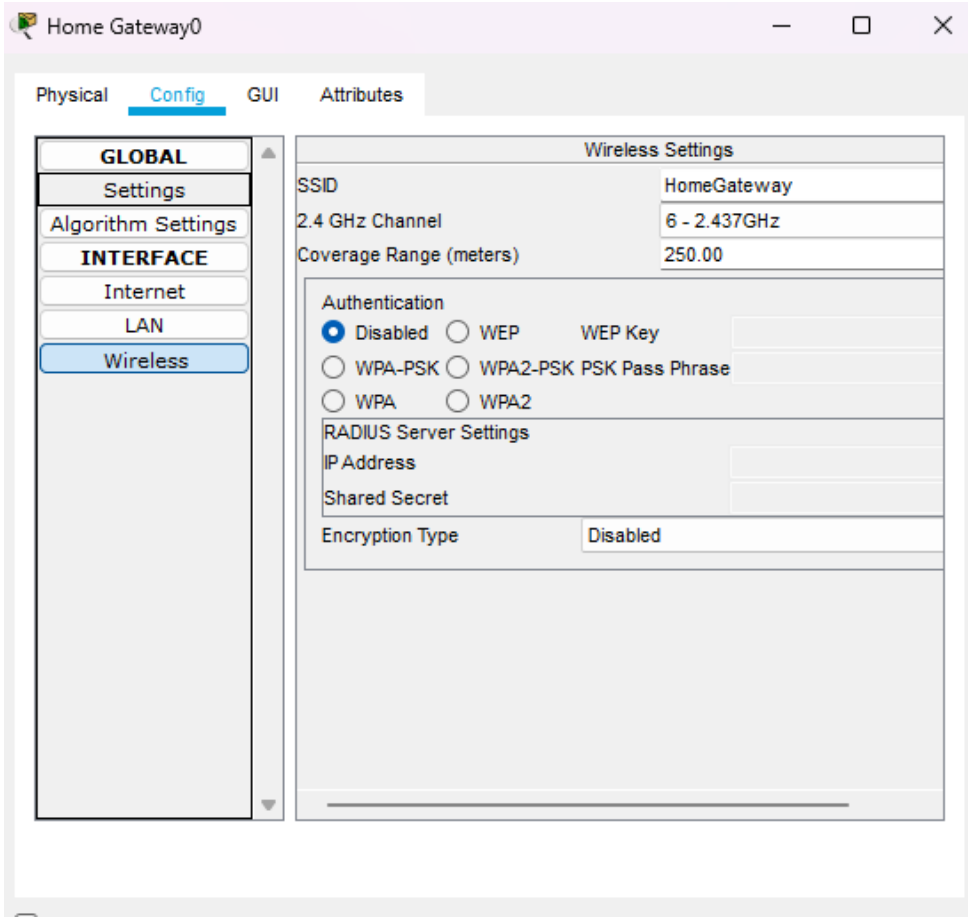




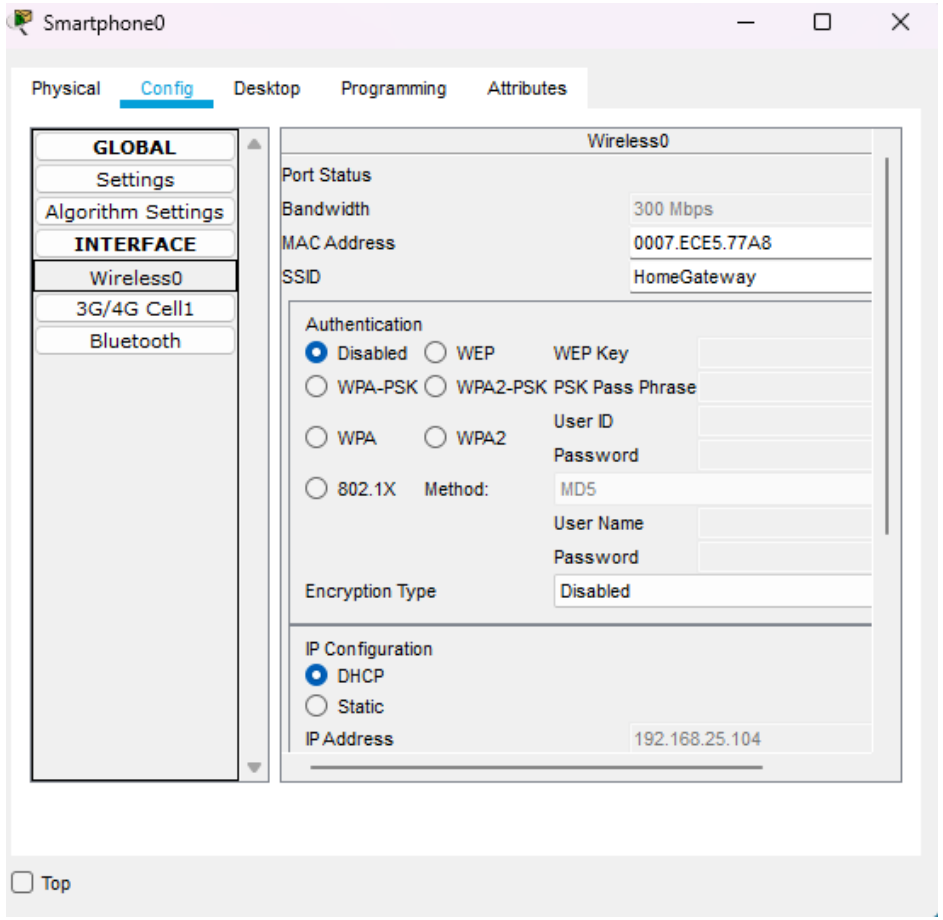
Select –Advanced -I/O Config -1W



Copy SSID of Home Gateway from Wireless

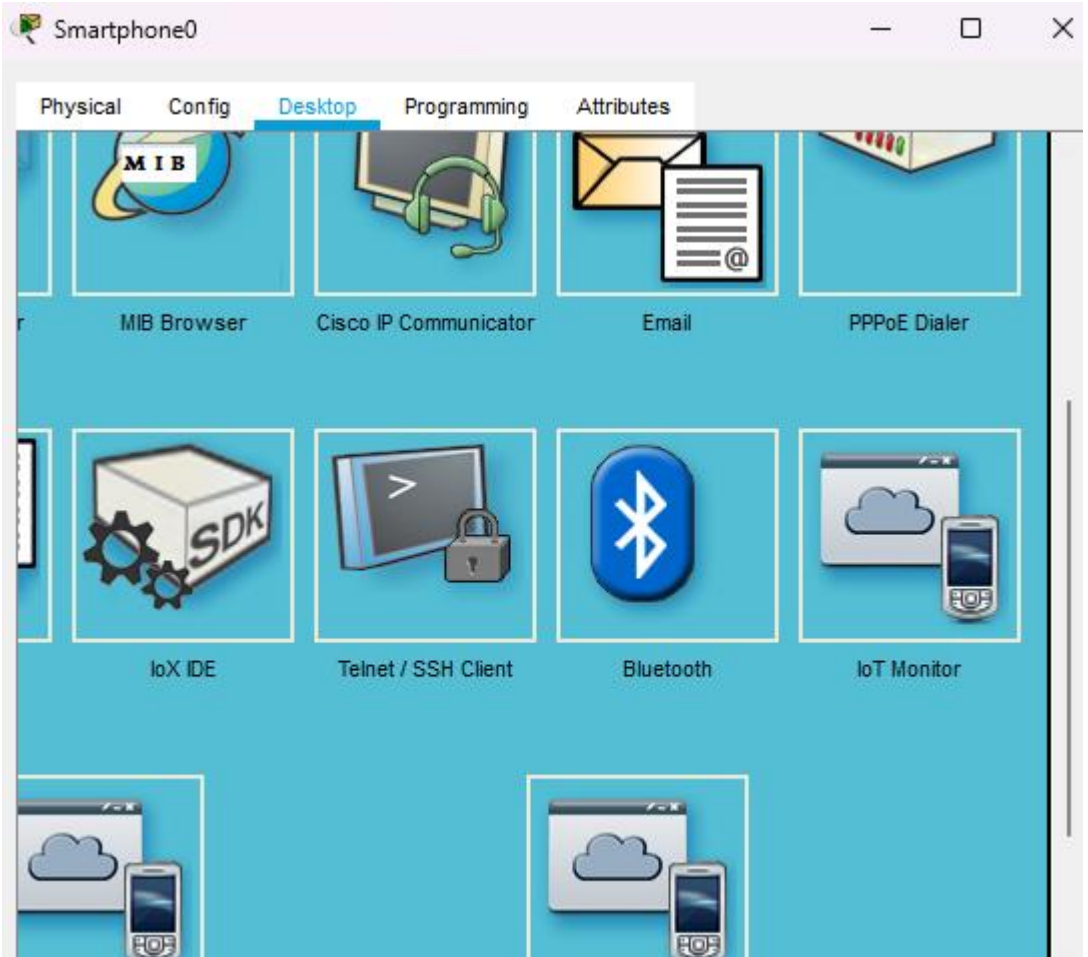


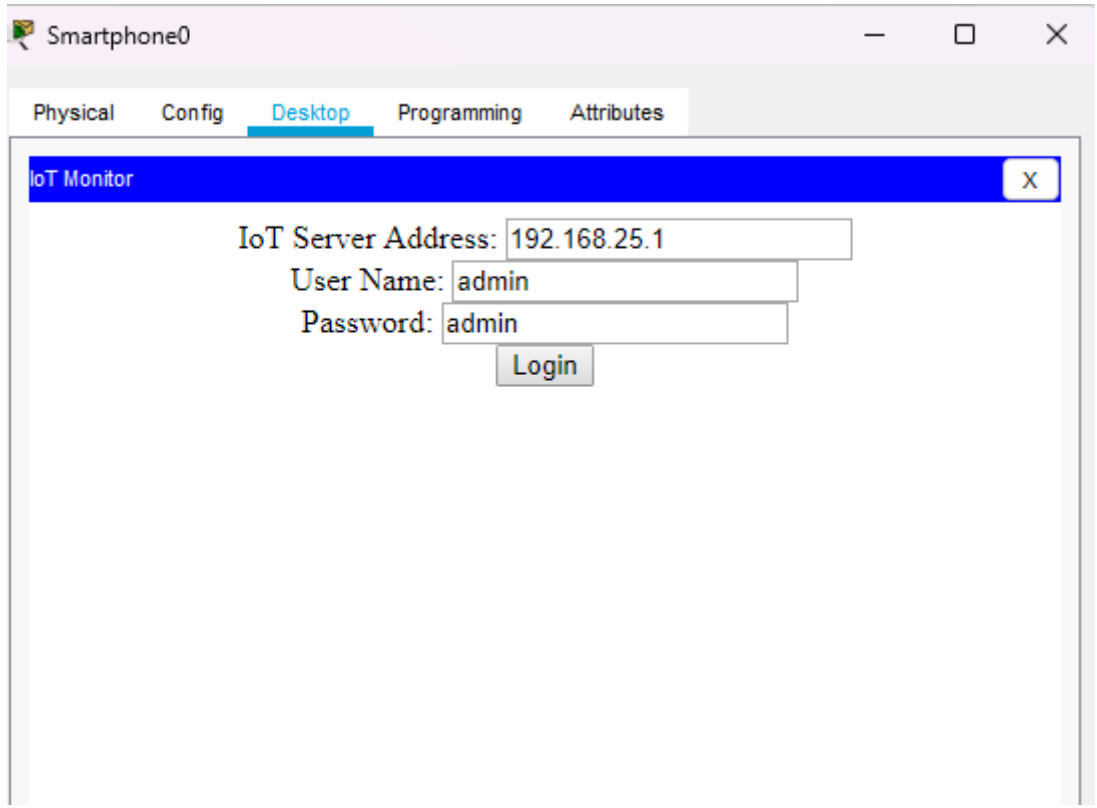
Smartphone-Wireless-SSID-paste-HomeGateway



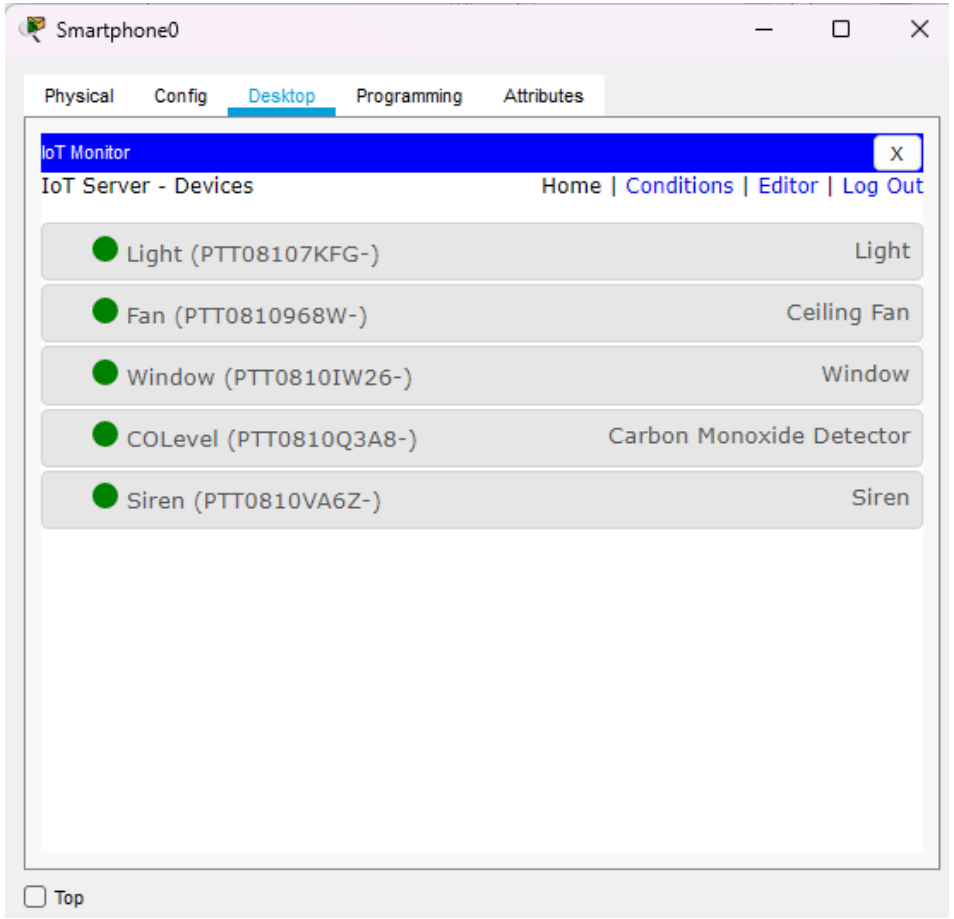
Smartphone-Desktop-IoT Monitor

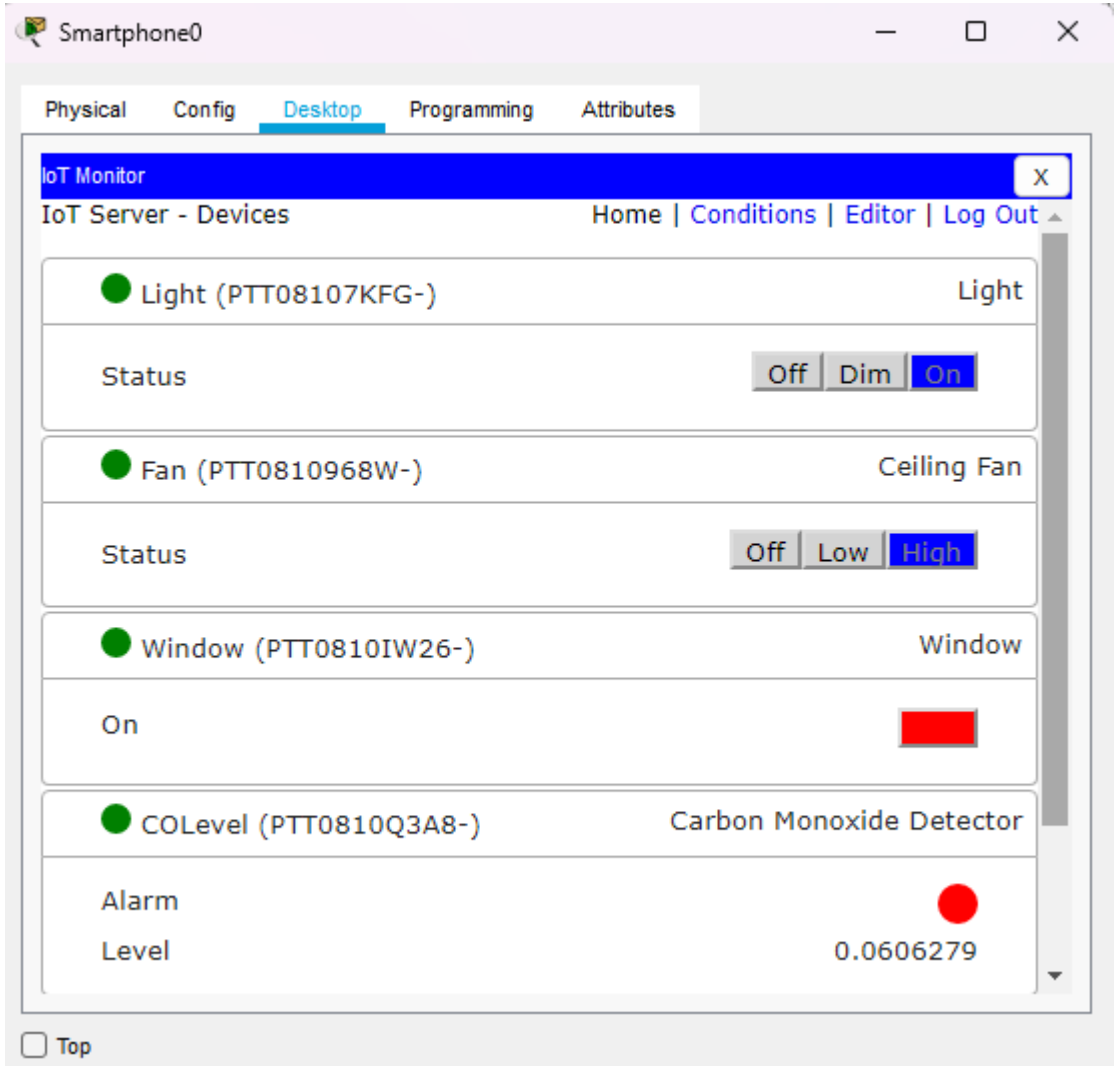
- From smartphone the devices are connected through gateway.



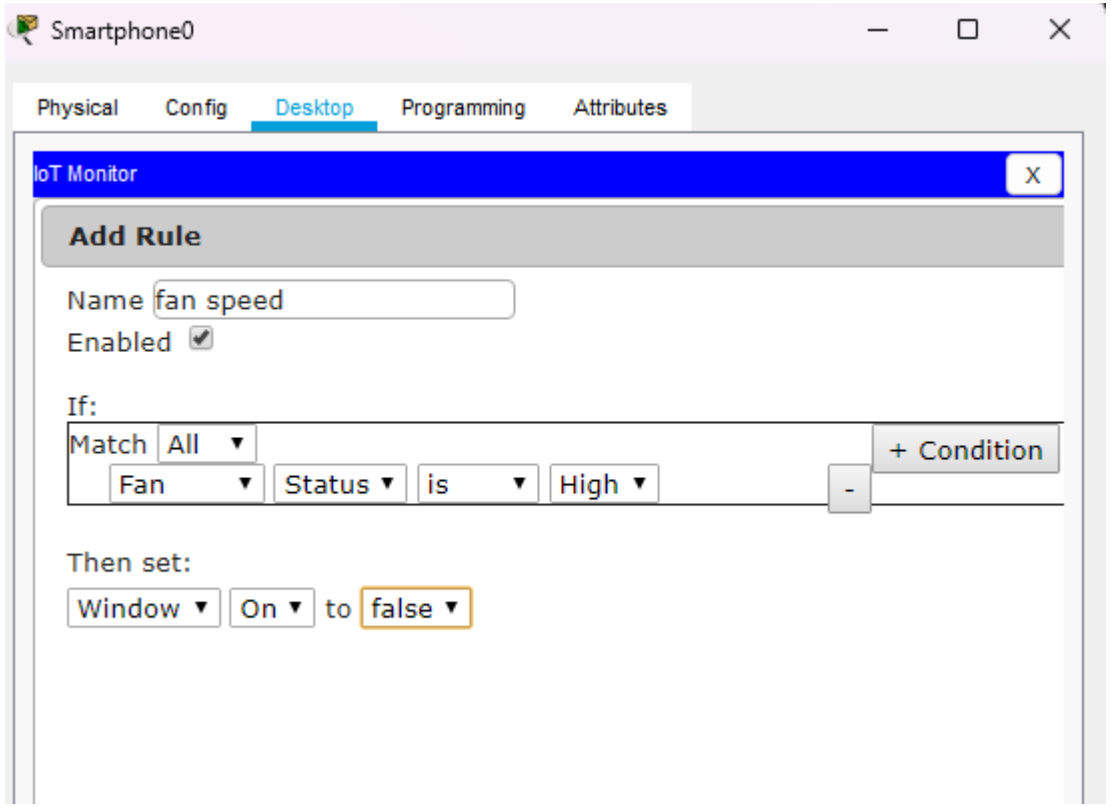

Smartphone0
Physical
Config
Desktop
Programming
Attributes
IoT Monitor
X
IoT Server Address: 192.168.25.1
User Name: admin
Password: admin
Login

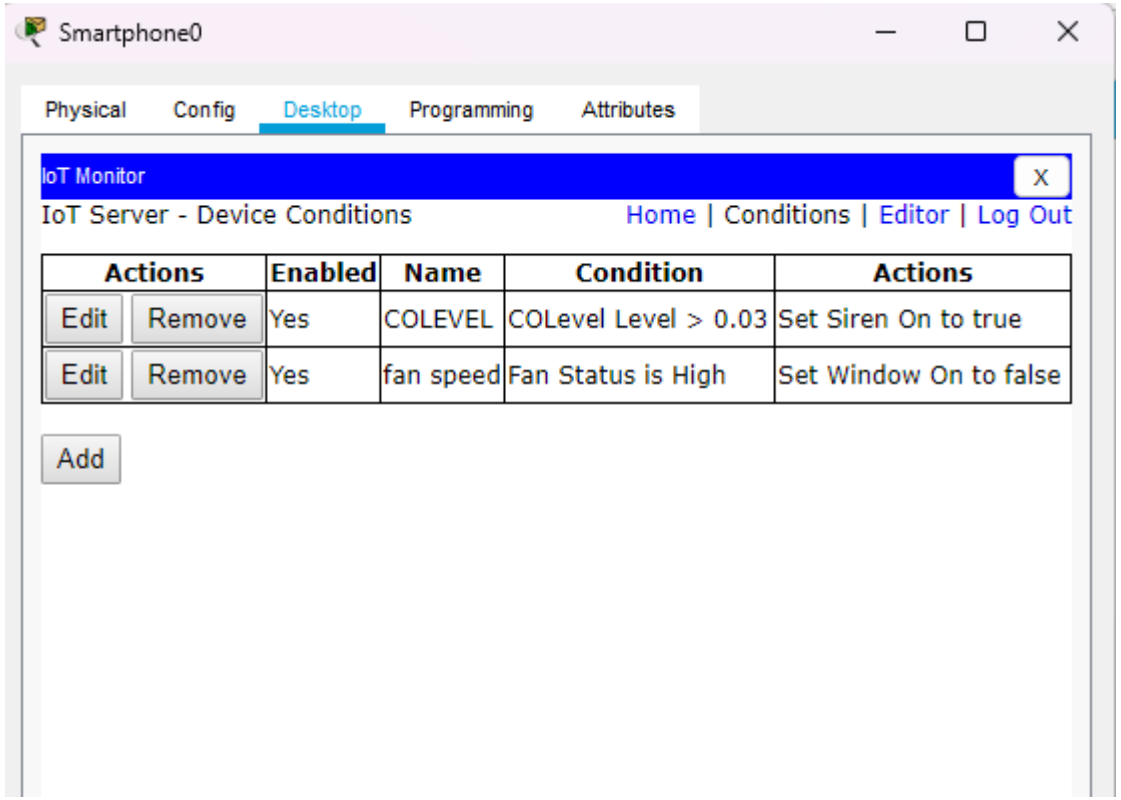
Connected devices will appear. On expanding the conditions can be viewed.

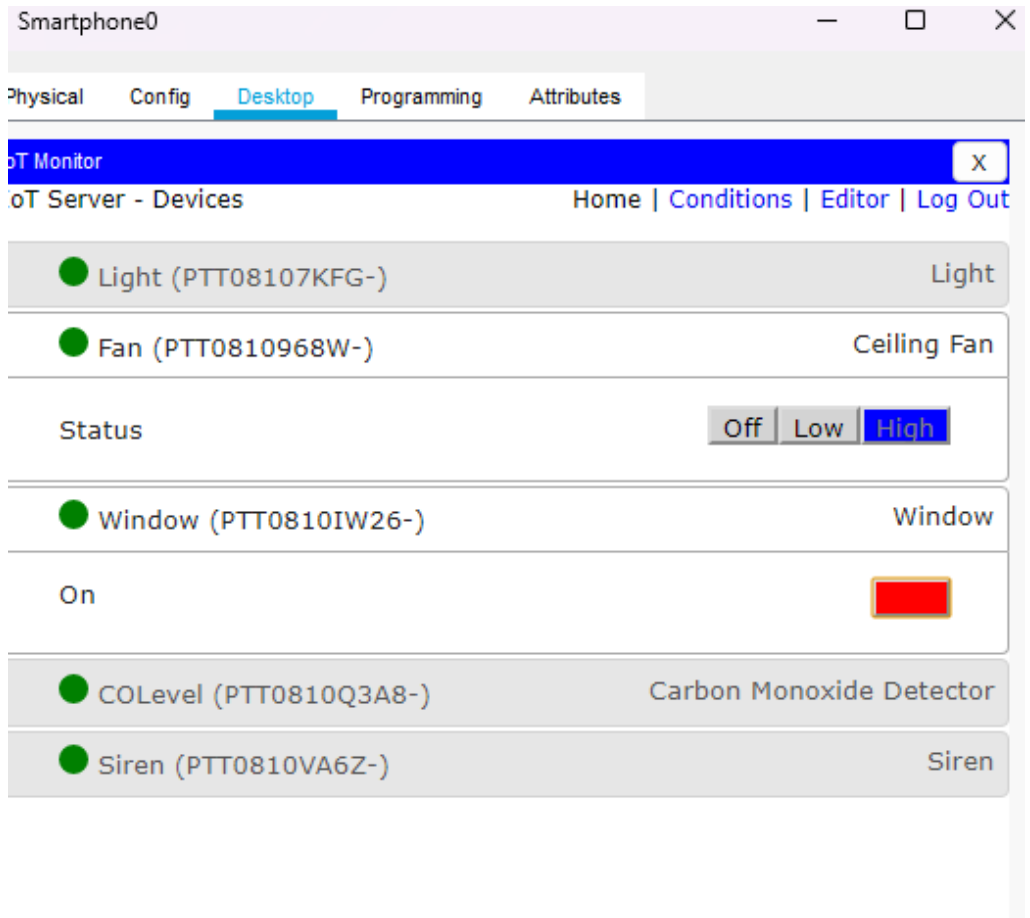


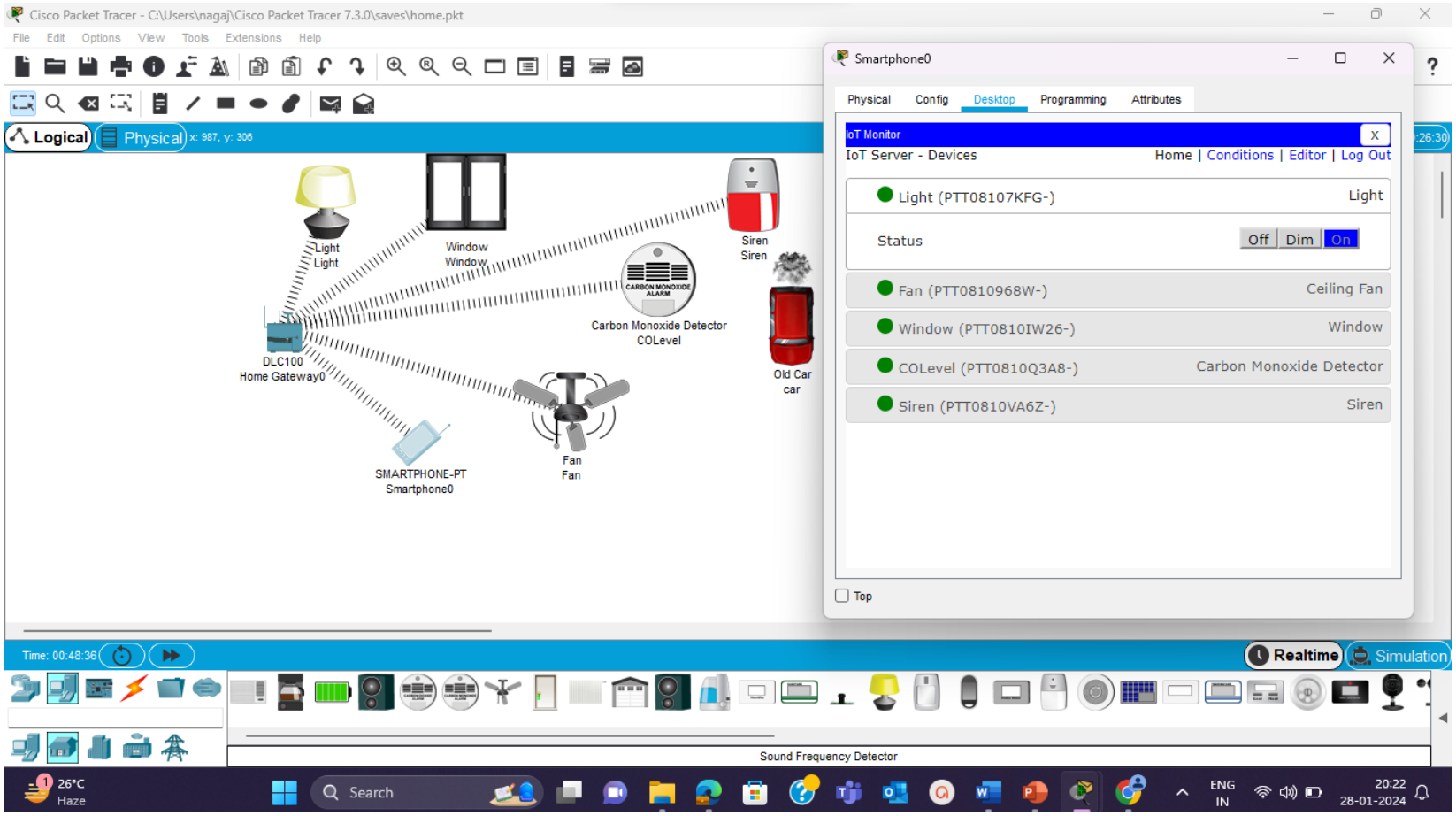


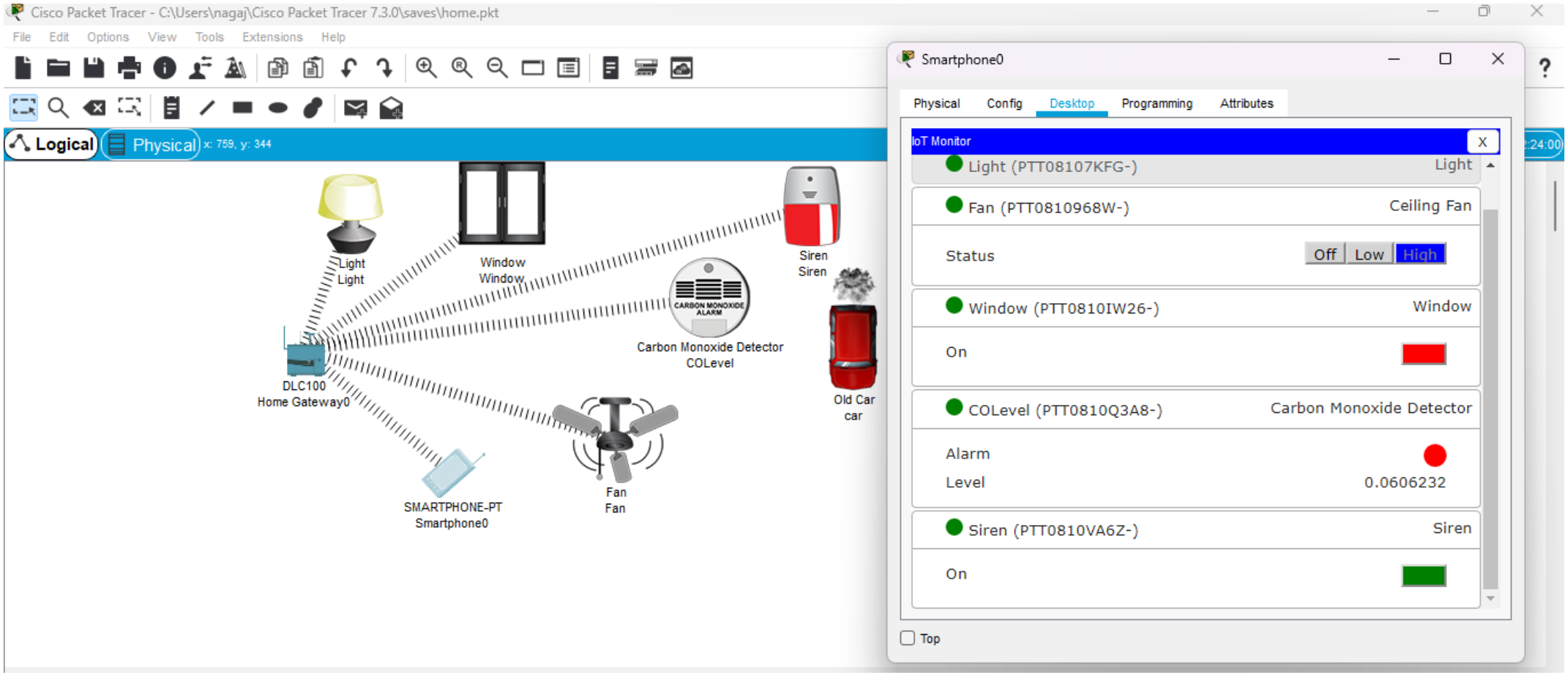
Conditions could be set for customization




Smartphone0
Physical
Config
Desktop
Programming
Attributes
IoT Monitor
X
IoT Server - Device Conditions
Home | Conditions | Editor | Log Out
Actions
Enabled
Name
Condition
Actions
Edit
Remove
Yes
COLEVEL
COLevel Level > 0.03
Set Siren On to true
Edit
Remove
Yes
fan speed
Fan Status is High
Set Window On to false
Add


Smartphone0
Physical
Config
Desktop
Programming
Attributes
oT Monitor
X
oT Server - Devices
Home | Conditions | Editor | Log Out
Light (PTT08107KFG-)
Light
Fan (PTT0810968W-)
Ceiling Fan
Status
Off
Low
High
Window (PTT0810IW26-)
Window
On
COLevel (PTT0810Q3A8-)
Carbon Monoxide Detector
Siren (PTT0810VA6Z-)
Siren


Cisco Packet Tracer - C:\Users\nagaj\Cisco Packet Tracer 7.3.0\saves\home.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
Light
Light
Window
Window
Siren
Siren
Carbon Monoxide Detector
COLevel
DLC100
Home Gateway0
Old Car
car
Fan
Fan
SMARTPHONE-PT
Smartphone0
Smartphone0
Physical
Config
Desktop
Programming
Attributes
IoT Monitor
IoT Server - Devices
Home | Conditions | Editor | Log Out
Light (PTT08107KFG-)
Light
Status
Off
Dim
On
Fan (PTT0810968W-)
Ceiling Fan
Window (PTT0810IW26-)
Window
COLevel (PTT0810Q3A8-)
Carbon Monoxide Detector
Siren (PTT0810VA6Z-)
Siren
Top
Time: 00:48:36
Realtime
Simulation
Sound Frequency Detector
26°C
Haze
Search
ENG
IN
20:22
28-01-2024


Cisco Packet Tracer - C:\Users\nagaj\Cisco Packet Tracer 7.3.0\saves\home.pkt
File Edit Options View Tools Extensions Help
Logical
Physical
x: 759, y: 344
Light
Light
Window
Window
Siren
Siren
CARBON MONOXIDE ALARM
Carbon Monoxide Detector
COLevel
Old Car
car
DLC100
Home Gateway0
SMARTPHONE-PT
Smartphone0
Fan
Fan
Smartphone0
Physical
Config
Desktop
Programming
Attributes
IoT Monitor
X
Light (PTT08107KFG-)
Light
Fan (PTT0810968W-)
Ceiling Fan
Status
Off
Low
High
Window (PTT0810IW26-)
Window
On
COLevel (PTT0810Q3A8-)
Carbon Monoxide Detector
Alarm
Level
0.0606232
Siren (PTT0810VA6Z-)
Siren
On
Top