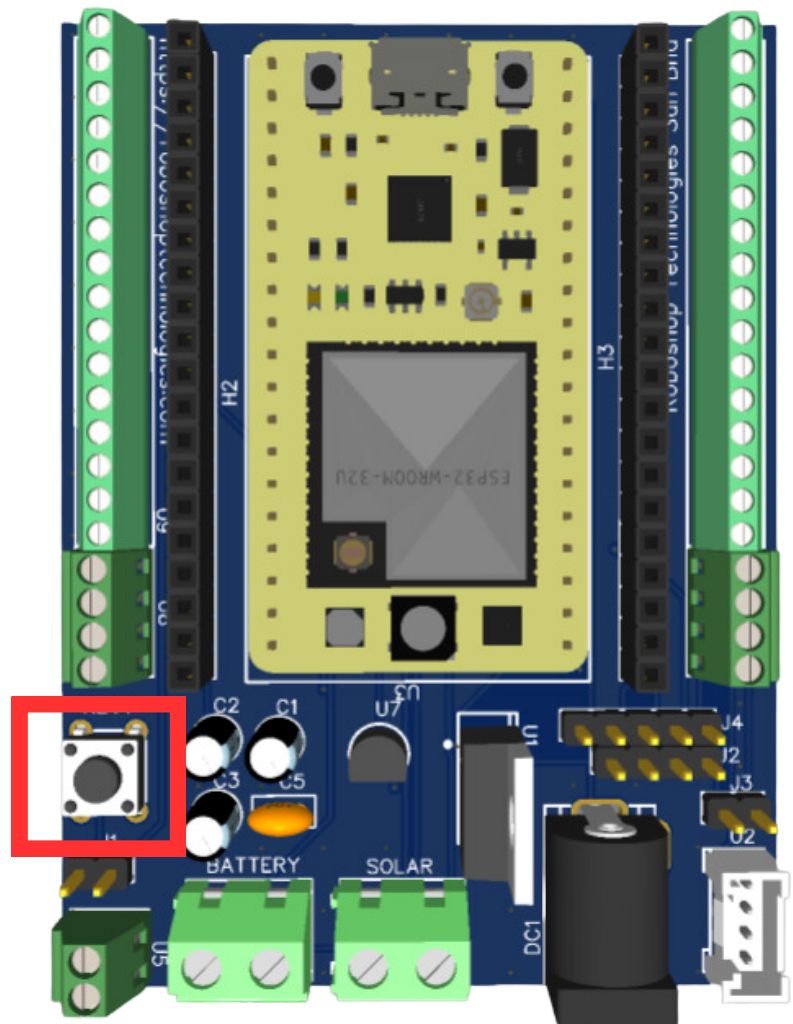
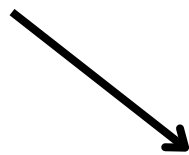


**PAHANG SKILLS
DEVELOPMENT CENTRE
(PSDC) IOT KIT**

Connecting kit to Internet

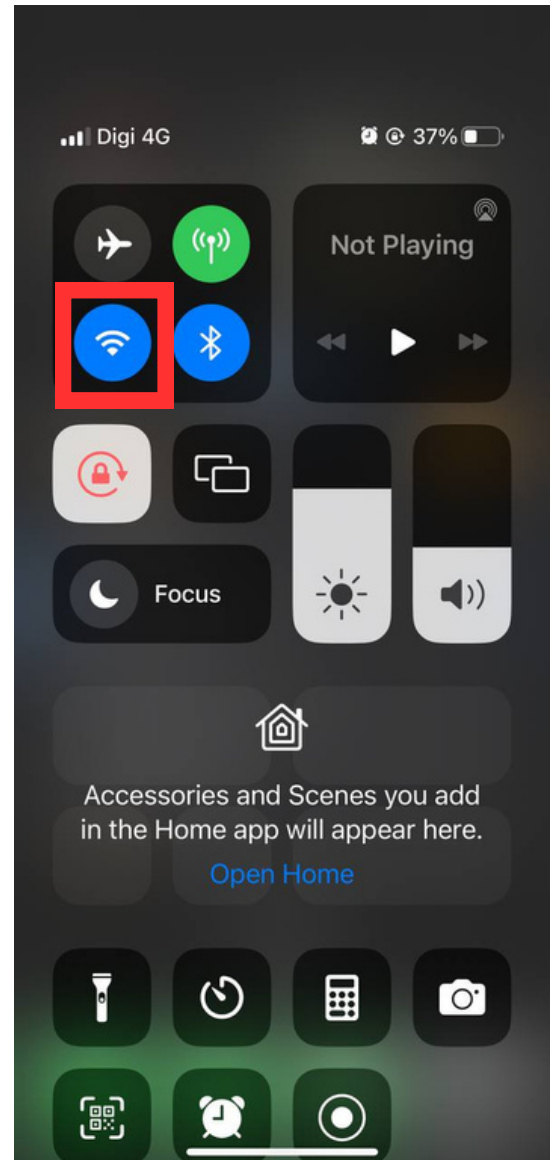
1. Activate Access Point (AP)

Push this
button to
activate Access
Point (AP)

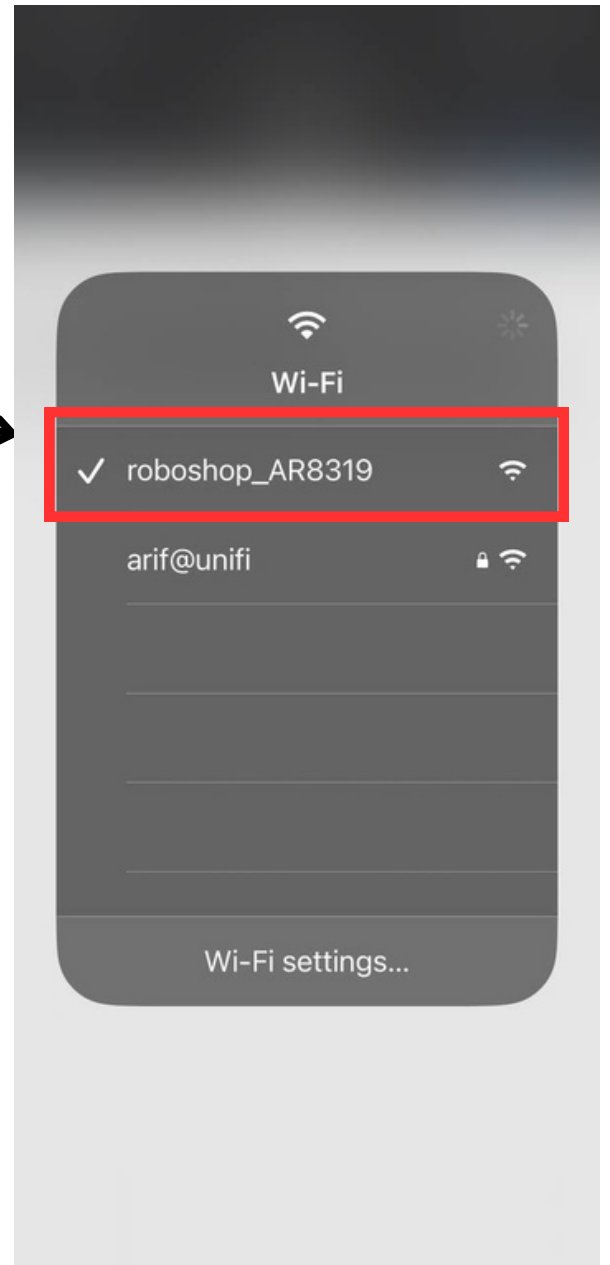


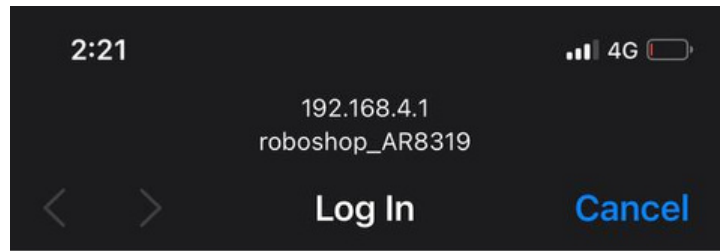
2. Activate Access Point (AP)

Turn ON WiFi on your mobile phone



Connect to Access Point(AP)
AP Name : PSDC_PSXXXX





Select Configure wifi to
connect to internet



WiFiManager

roboshop_AR8319

Configure WiFi

Info

Exit

Update

No AP set

Insert your WiFi username & Password and click save



2:21

4G

192.168.4.1
roboshop_AR8319

<>

Log In

Cancel

arif@unifi

Maisarah@unifi

4G-CPE-A7C5

arfashaheera66

F&S@unifi

SSID

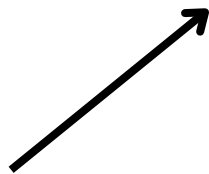
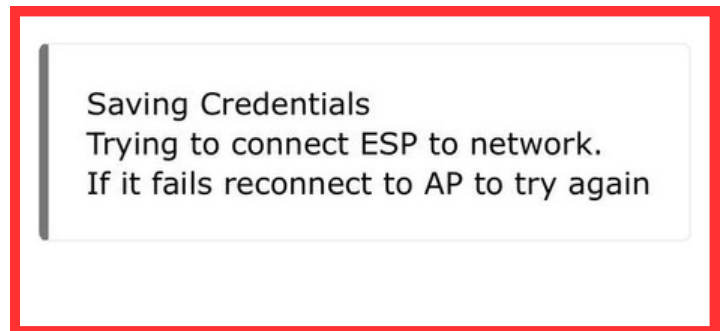
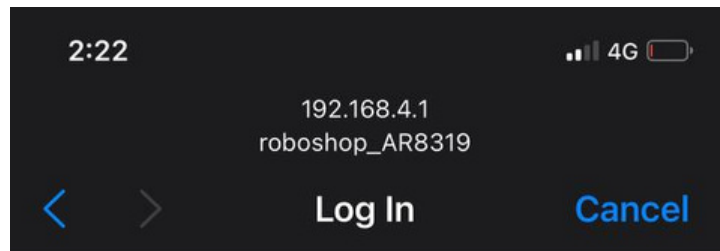
Password

☐ Show Password

Save

Refresh

No AP set



Saving the credential and this window will auto close



2.Connect to Node-RED

Edit mqtt in node > **Edit mqtt-broker node**

Delete Cancel Update

⚙ Properties

📁 Name

Connection Security Messages

🌐 Server Port

☒ Connect automatically

☐ Use TLS

⚙ Protocol

📁 Client ID

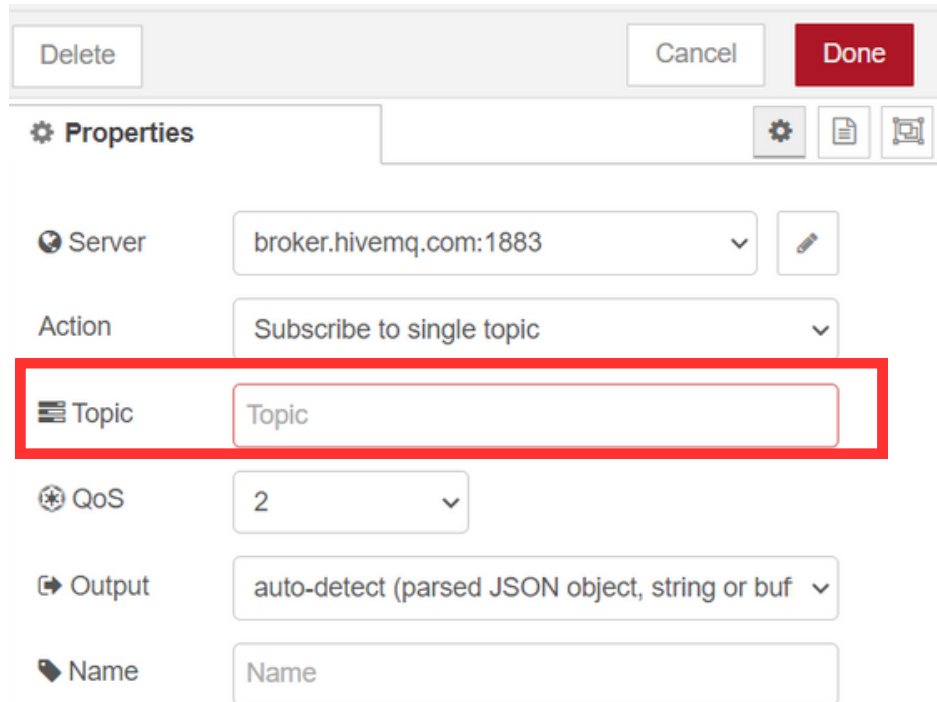
💓 Keep Alive

📄 Session ☒ Use clean session

Insert Public Broker

Server : broker.hivemq.com
Port: 1883

2.Connect to Node-RED



Delete Cancel Done

⚙ Properties

🌐 Server broker.hivemq.com:1883

Action Subscribe to single topic

📄 Topic Topic

⚙ QoS 2

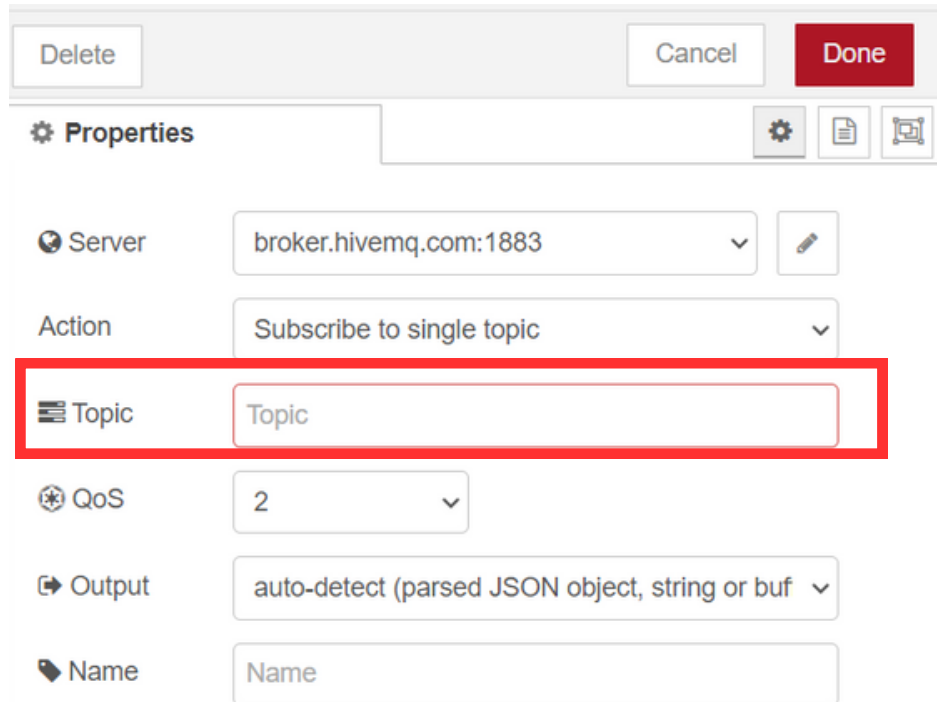
🔗 Output auto-detect (parsed JSON object, string or buf)

🏷 Name Name

Insert MQTT Topic

Topic: PahangSkills2023PSXXXX/mqtt/data

2.Connect to Node-RED



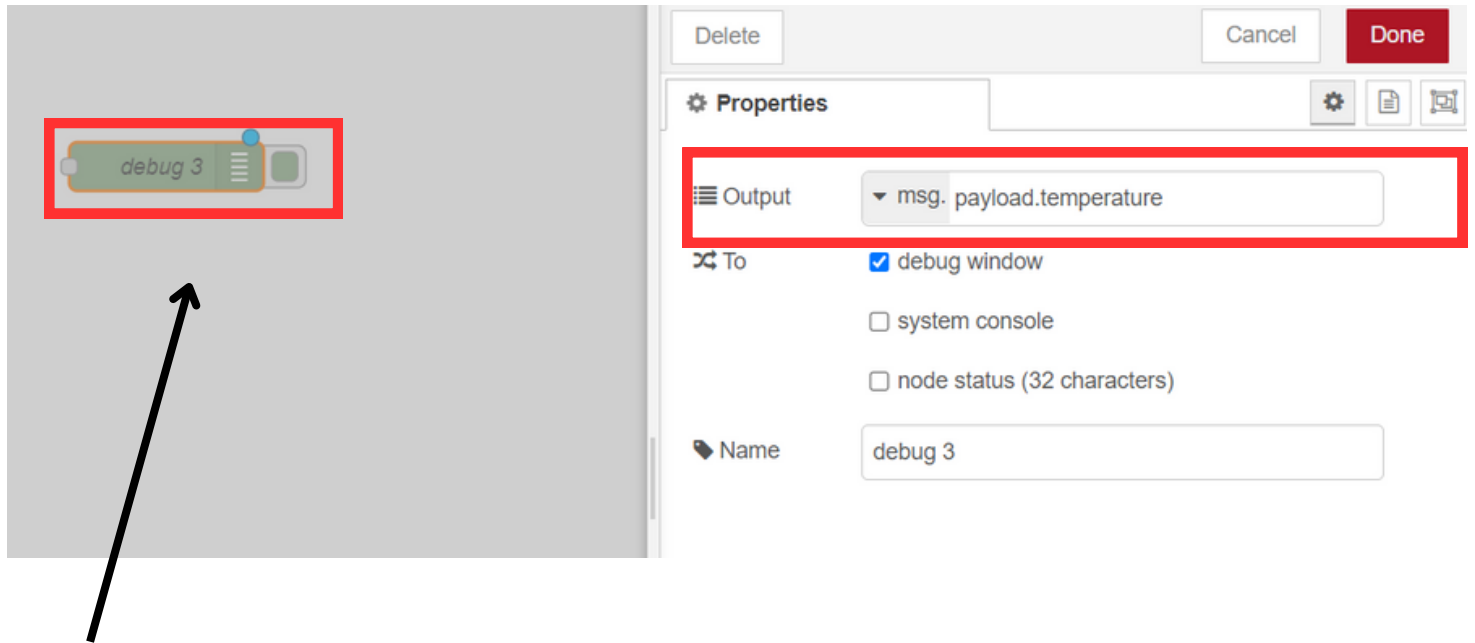
The screenshot shows the configuration window for an MQTT node in Node-RED. At the top are buttons for 'Delete', 'Cancel', and 'Done'. Below is a 'Properties' tab with a settings icon, a document icon, and a preview icon. The configuration fields are as follows:

Property	Value
Server	broker.hivemq.com:1883
Action	Subscribe to single topic
Topic	Topic
QoS	2
Output	auto-detect (parsed JSON object, string or buf)
Name	Name

Insert MQTT Topic

Topic: PahangSkills2023PSXXXX/mqtt/data

3.Connect to Node-RED



!To view specific data

Temperature : `msg.payload.temperature`

Humiditu : `msg.payload.humidity`