Muhammad Izham Bin Norhamadi   B032020039

Lab 7 Node-Red for Android

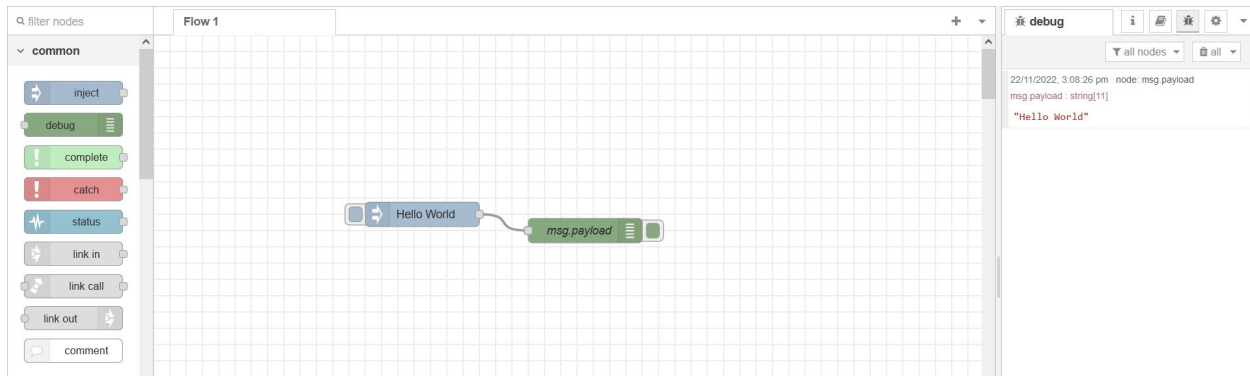## Task 1: Steps (Run Hello World)

Figure 1 Running "Hello World" message payload
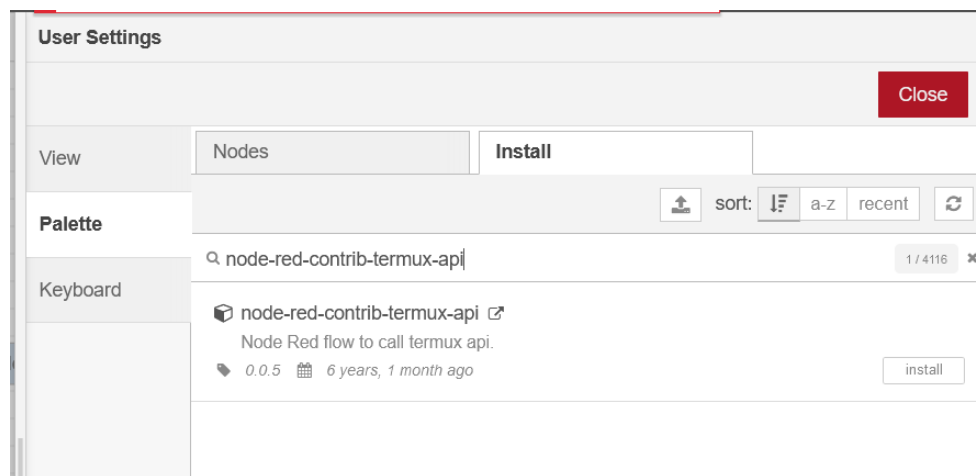
Task 2: Installing termux-api package in smartphone
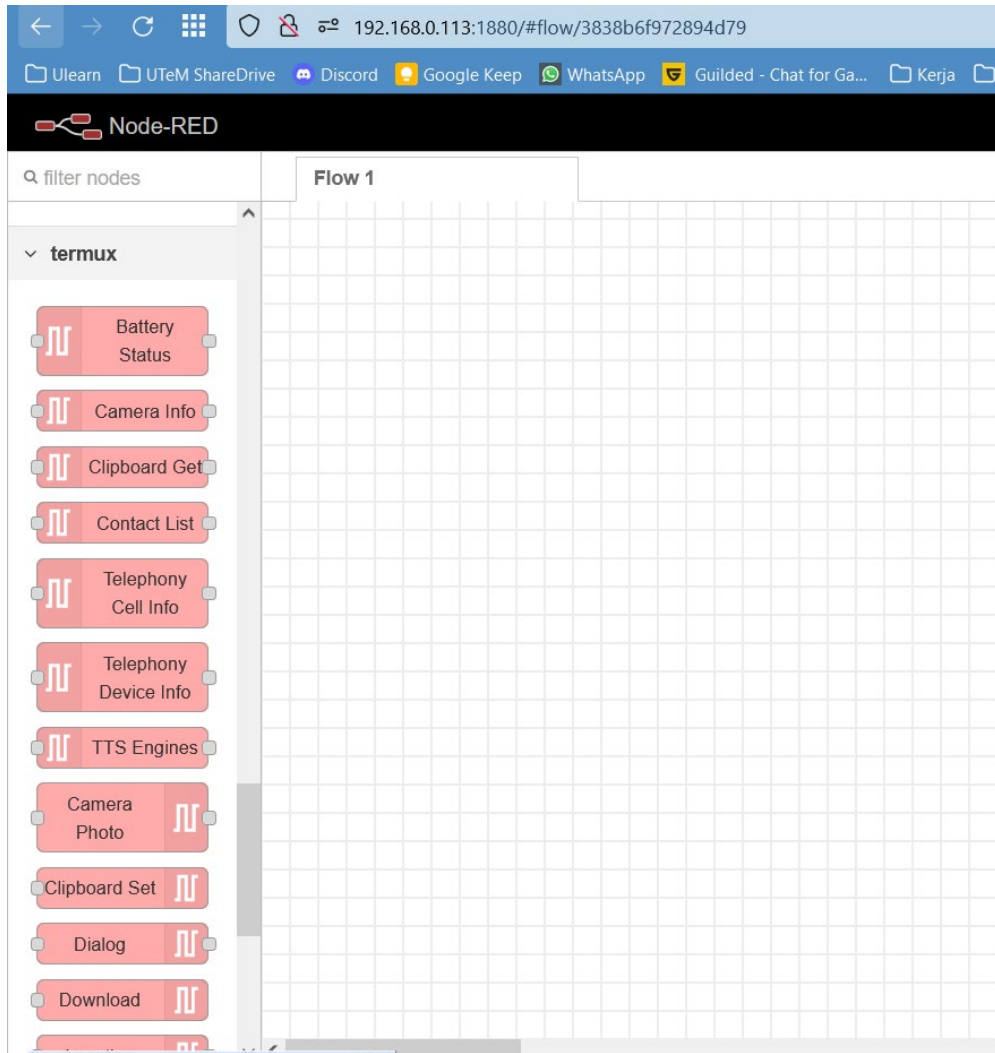

Figure 2 Installing termux API package
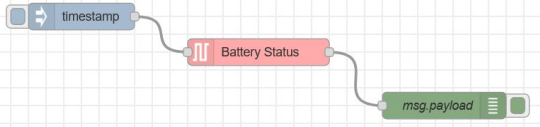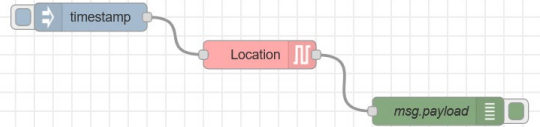
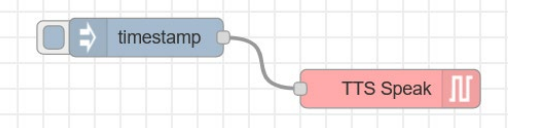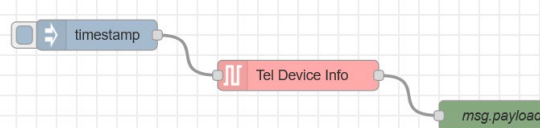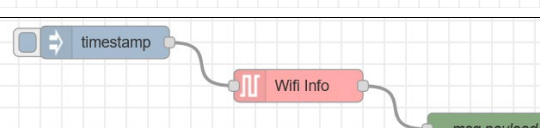*Figure 3 termux API pallete*

Task 3: Run modules in Termux

Modules	Flows	Result
Battery Status		22/11/2022, 4:37:56 pm node: msg.payload msg.payload : Object ▸{ health: "GOOD", percentage: 58, plugged: "PLUGGED_AC", status: "CHARGING", temperature: 35 … }
Location		22/11/2022, 4:39:01 pm node: 7006f3c617282590 msg : error "SyntaxError: Unexpected end of JSON input"
TTS Speak		TTS speak message of current timestamp on mobile: Command: termux-tts-speak ['-p', 1, '-r', 1, '-s', 'NOTIFICATION', 1669106448494]
Device Info		22/11/2022, 4:43:07 pm node: msg.payload msg.payload : Object ▸{ data_enabled: "false", data_activity: "dormant", data_state: "disconnected", device_id: null, device_software_version: "00" … }
Wifi Info		22/11/2022, 4:44:44 pm node: msg.payload msg.payload : Object ▸{ bssid: "02:00:00:00:00:00", frequency_mhz: 5240, ip: "192.168.0.113", link_speed_mbps: 780, mac_address: "02:00:00:00:00:00" … }
Wifi Scan		22/11/2022, 4:46:22 pm node: msg.payload msg.payload : array[32] ▸[object, object, object, object, object, object, object, object, object, object …]