Ver: 1. 0
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	Initials	Sign s Date
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Introduction

This document briefly explains the steps to install the Claro TV Application developed for LG Smart TV Devices.

For the Development C Testing purpose, the Claro TV application is installed manually using the side-loading procedure to the LG TV Devices.

Environmental Setup

Below is a step-by-step guide for installing the Claro TV application on your LG TV for the first time.

Prerequisite:

For the LG TV build (.IPK) file to be successfully installed on your TV, below are the steps to be followed:
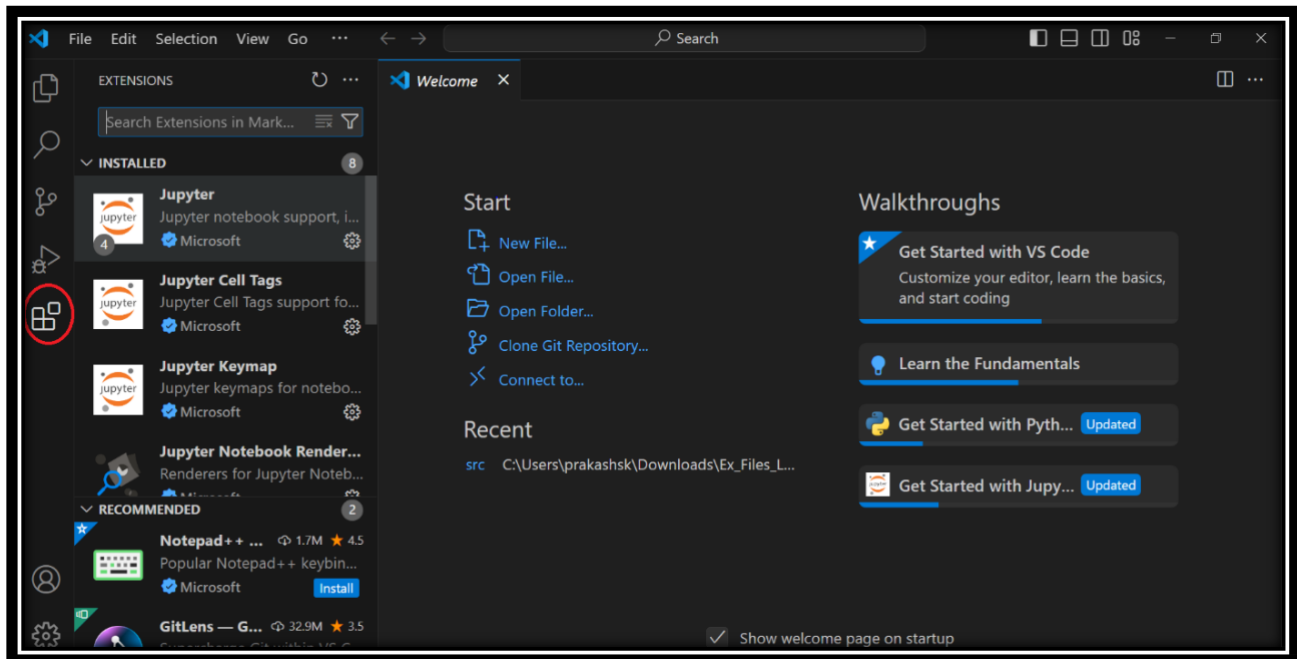
1. Installation of Visual Studio Code
2. Installation of webOS TV extension in VS CODE EDITOR
3. Downloading WebOS CLI
4. Adding environment Variables
5. Creating LG account
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7. Connecting the LG TV to the PC and Installing the IPK file

1. Installation of Visual Studio Code

- Visit Download Visual Studio Code - Mac, Linux, Windows and download the Visual Studio Code to the Laptop
- Once the download is done, you will see the downloaded application file as "VSCodeUserSetup-x64-1.90.2.exe"
- Start the installation process by double-clicking on the "**VSCodeUserSetup-x64-1.G0.2.exe**" file.
- Once the "**VSCodeUserSetup-x64-1.G0.2.exe**" is Installed and launch the "Visual source code".
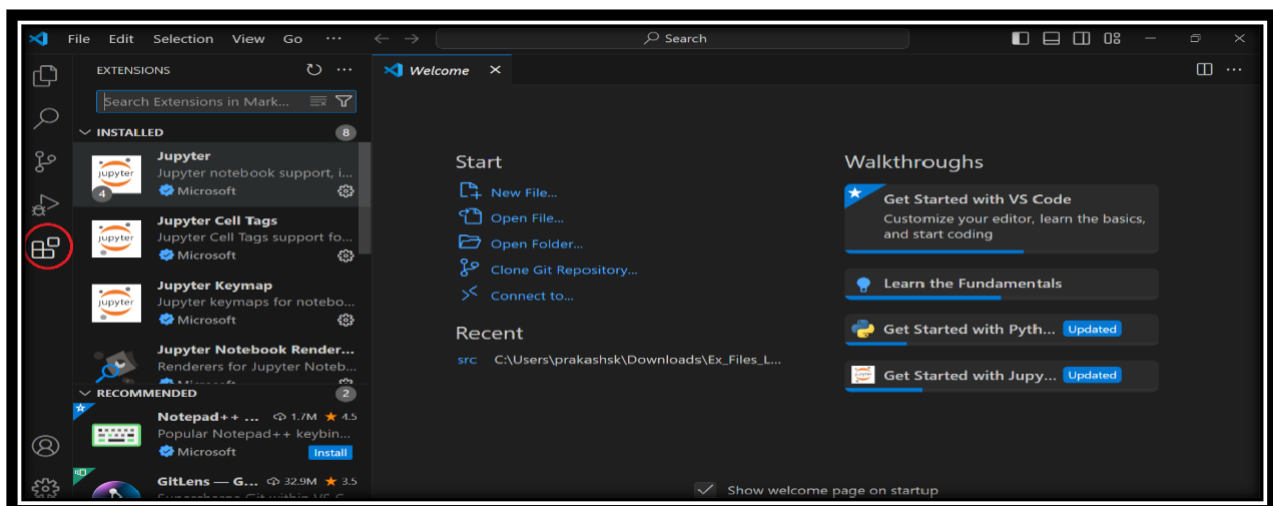- The below screen is displayed when the "Visual source code" starts.

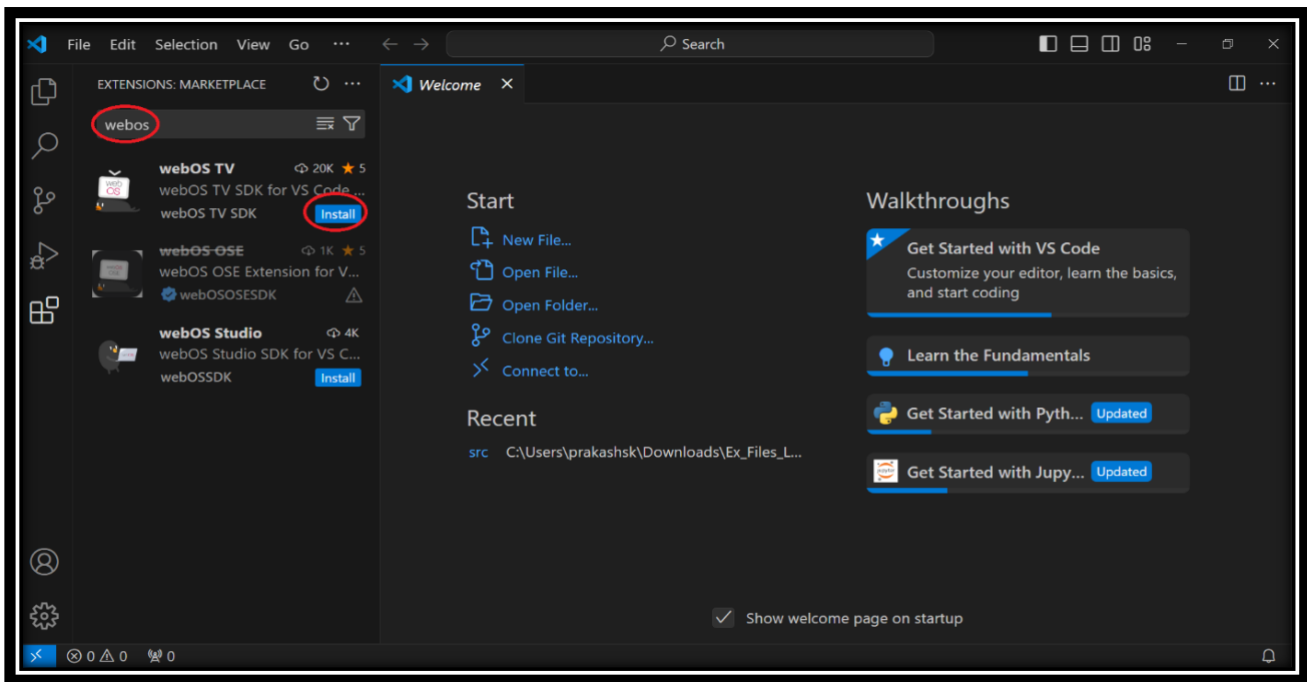## 2. Installing of WebOS TV code extension in VS code editor

Launch the Visual Studio Code and click on the **extension icon** (icon marked with the red

circle)

In the Search box, search for **WebOS** and click on the **install button** for the WebOSTV app.

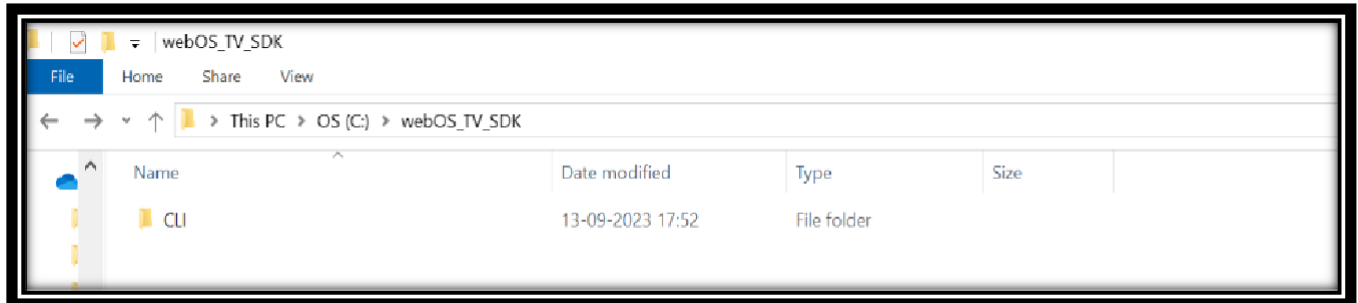After installation is done, a **TV Icon** (Marked with red colour circle) will appear as shown in the below screen:

3. Downloading CLI

Extract the "**CLI**" folder from the below Location.
CLI
Create a "**webOS_TV_SDK**" folder in the C drive of the PC.
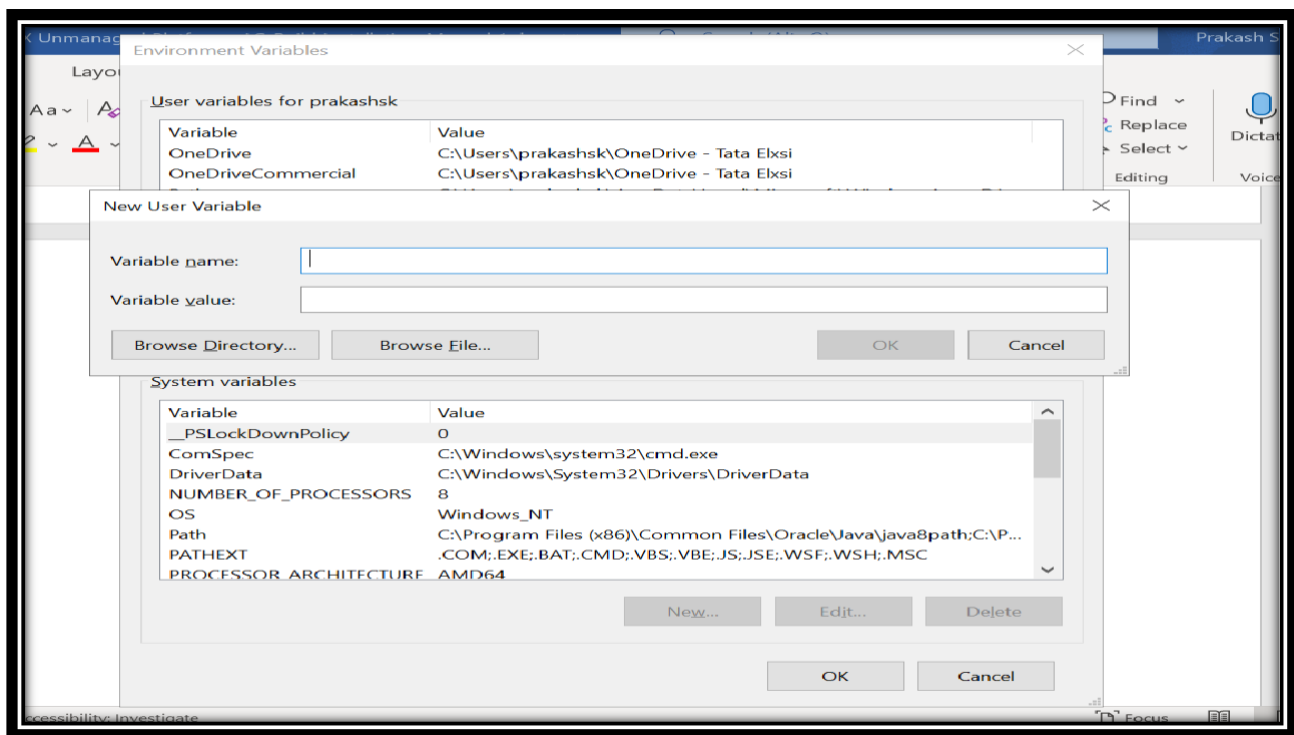Copy the CLI Folder in the "**webOS_TV_SDK**" folder

4. Adding Environment Variables

Select "**Edit environment variable for your account**" on your PC

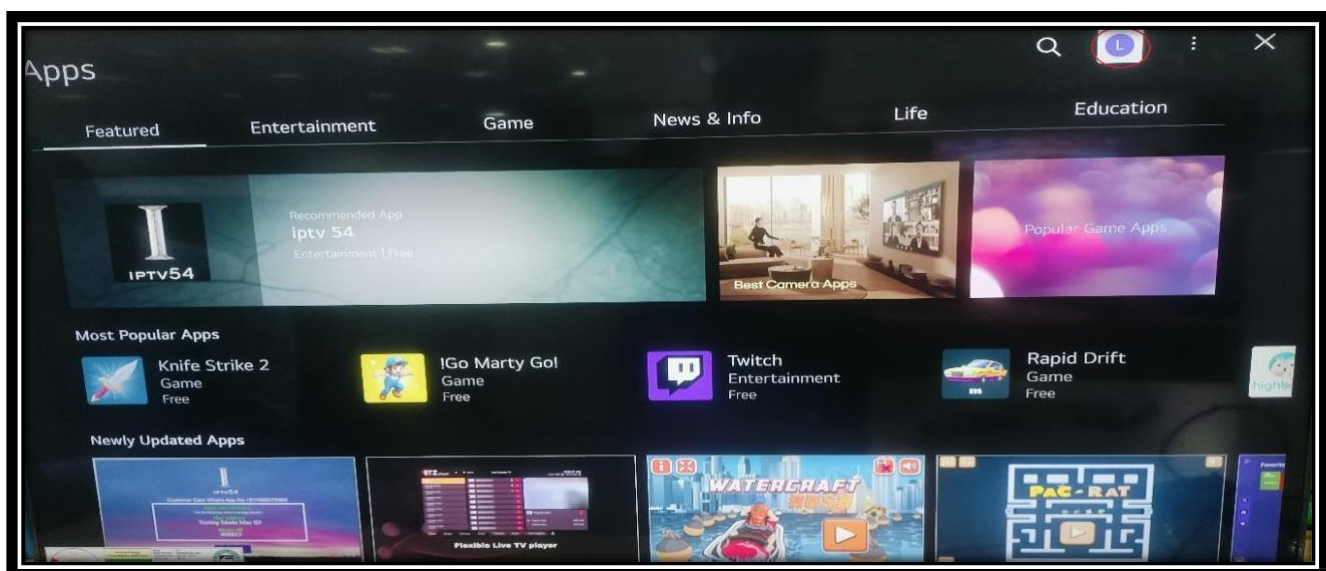Add the below variable in the "Environment variable" screen

- Add the variable name as: **WEBOS_CLI_TV**
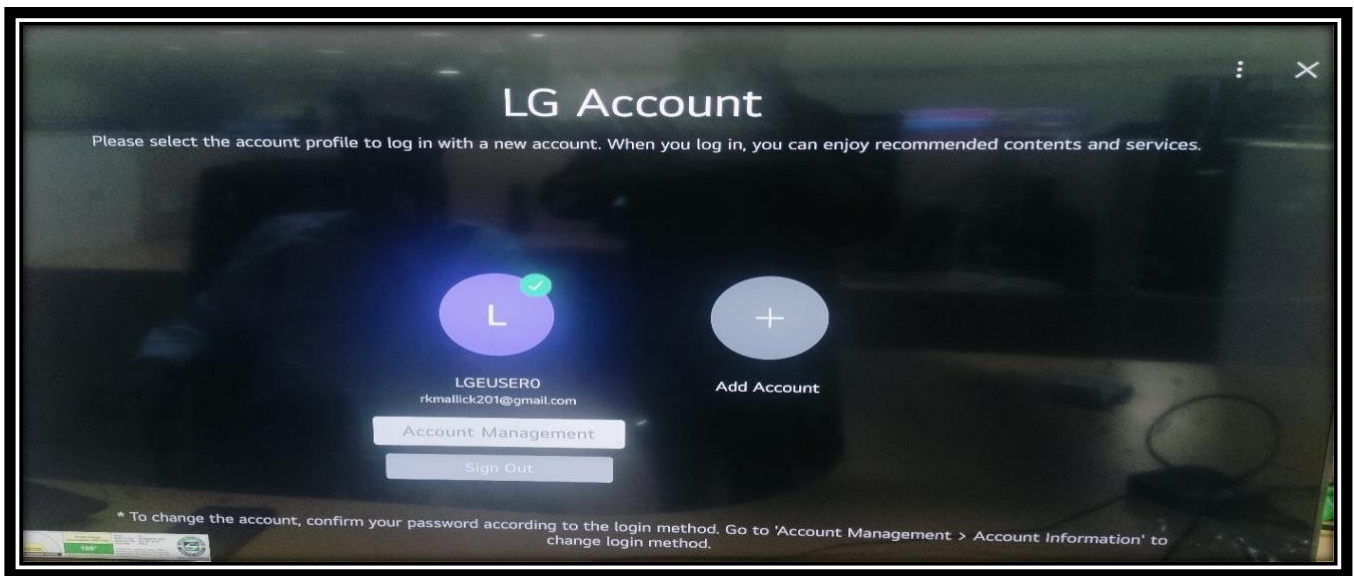- And add the variable value as: **C:\webOS_TV_SDK\CLI\bin**

Note: Now restart the PC for the set variable to take effect.

5. Creating LG Account

1. Turn on the LG TV and navigate to **Home**
2. From Home, open the **APPs** menu
3. On the Apps Page, select the **login option** (using the icon next to search on the top. Highlighted in Red)
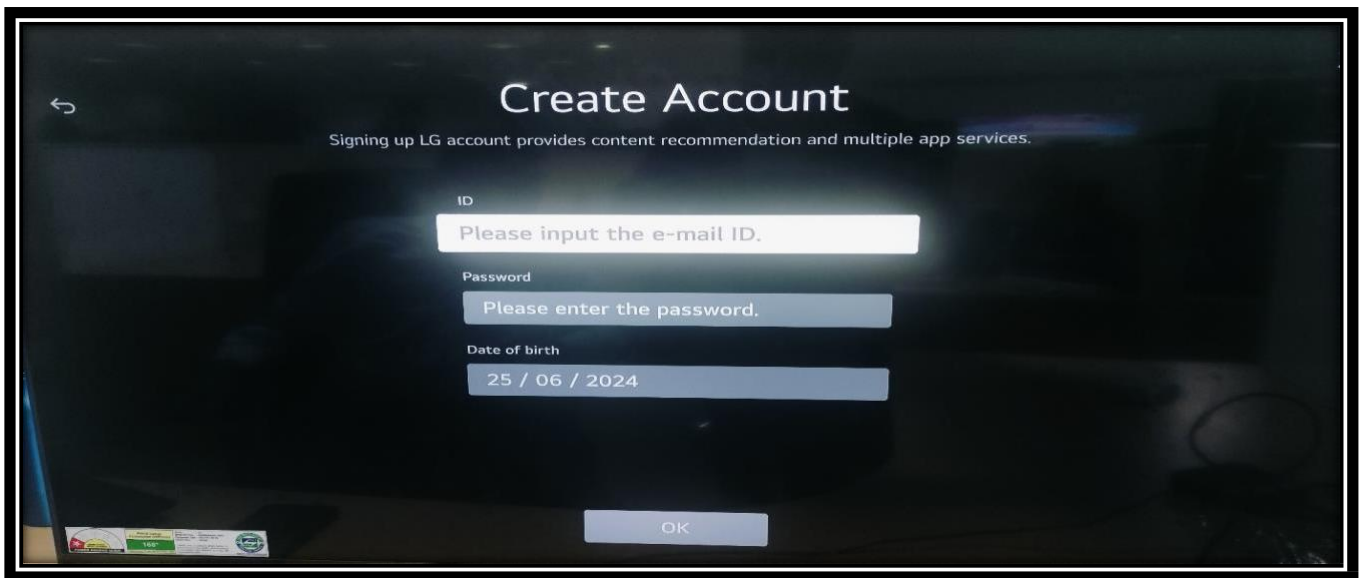

For new user select **"Add account"**.

After adding the user account, select the **"Sign in on TV"** in the next page

Now Select **"Create LG Account"**

Add desired *"Email id", "Password", and "Date of birth"* and **create the account**

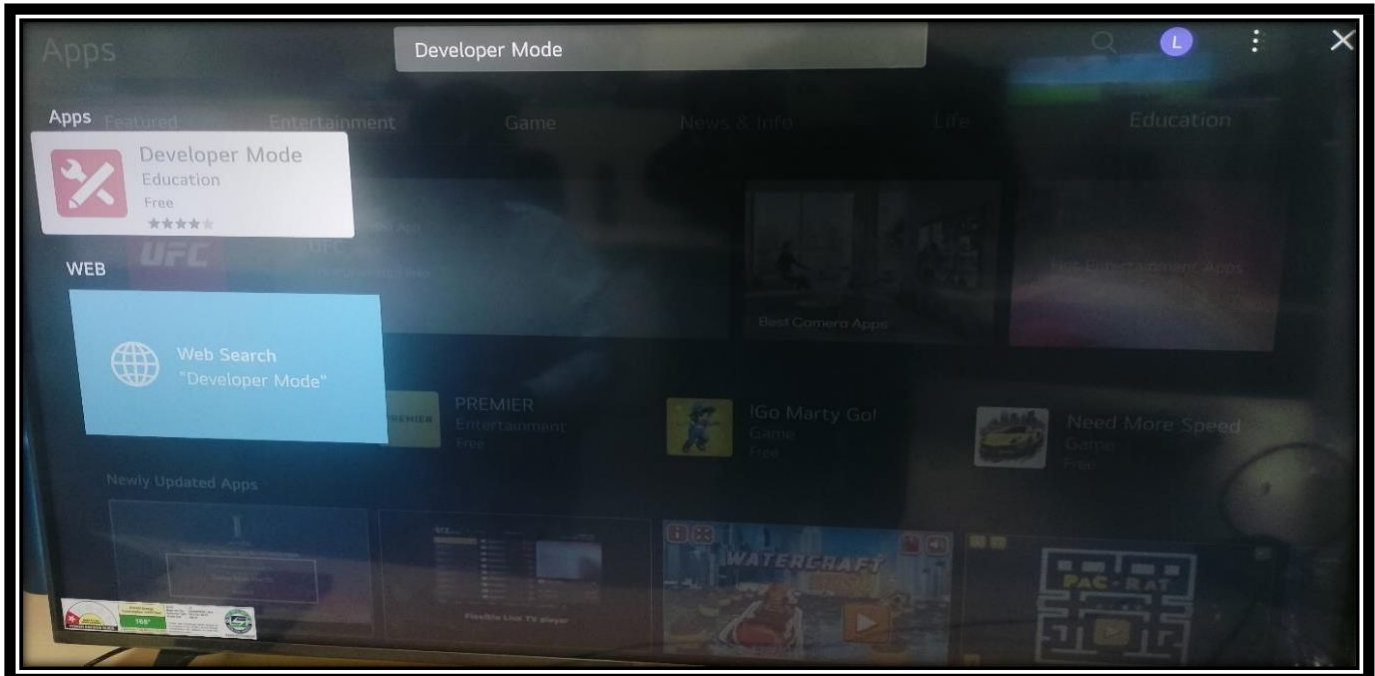Now the Account for LG will be created successfully.

6. Installing and Launching the "LG Developer mode" App
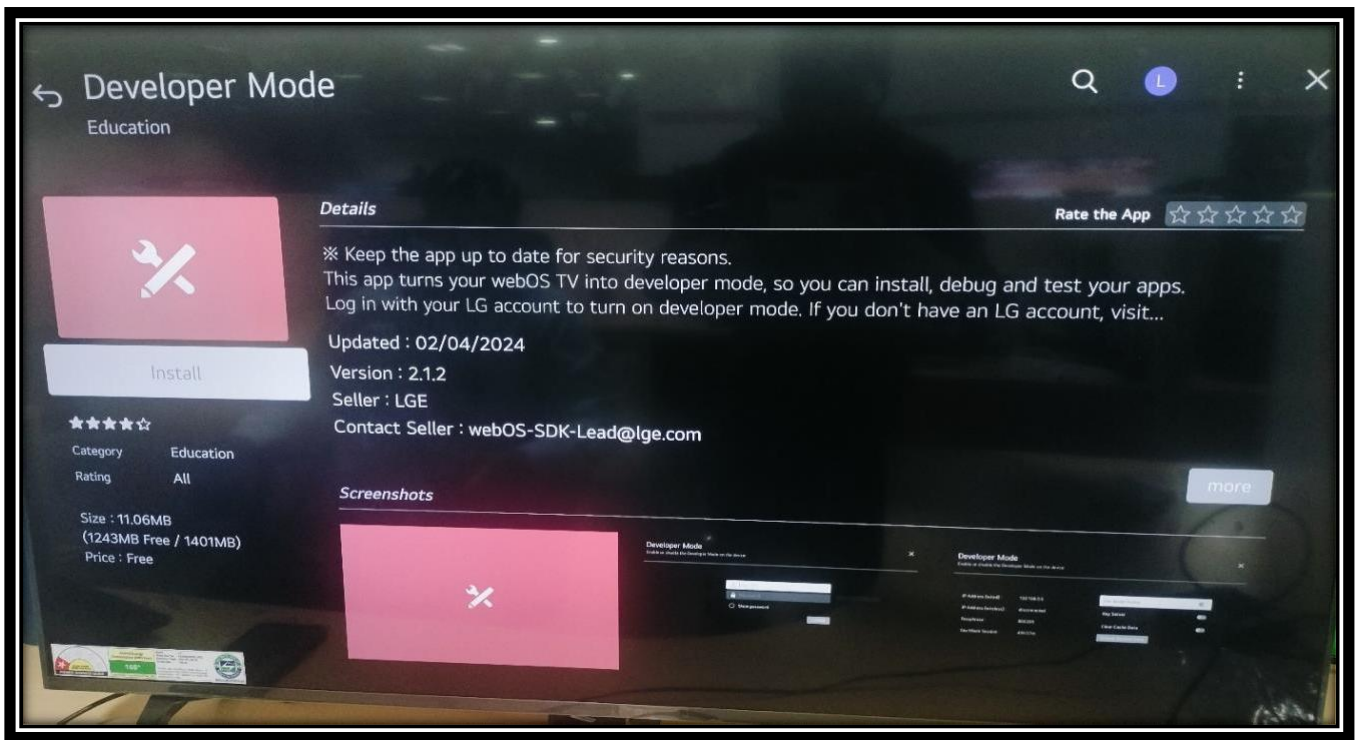
On LG TV **Navigate to Home**

Open **Apps** and **login** with the created LG Account

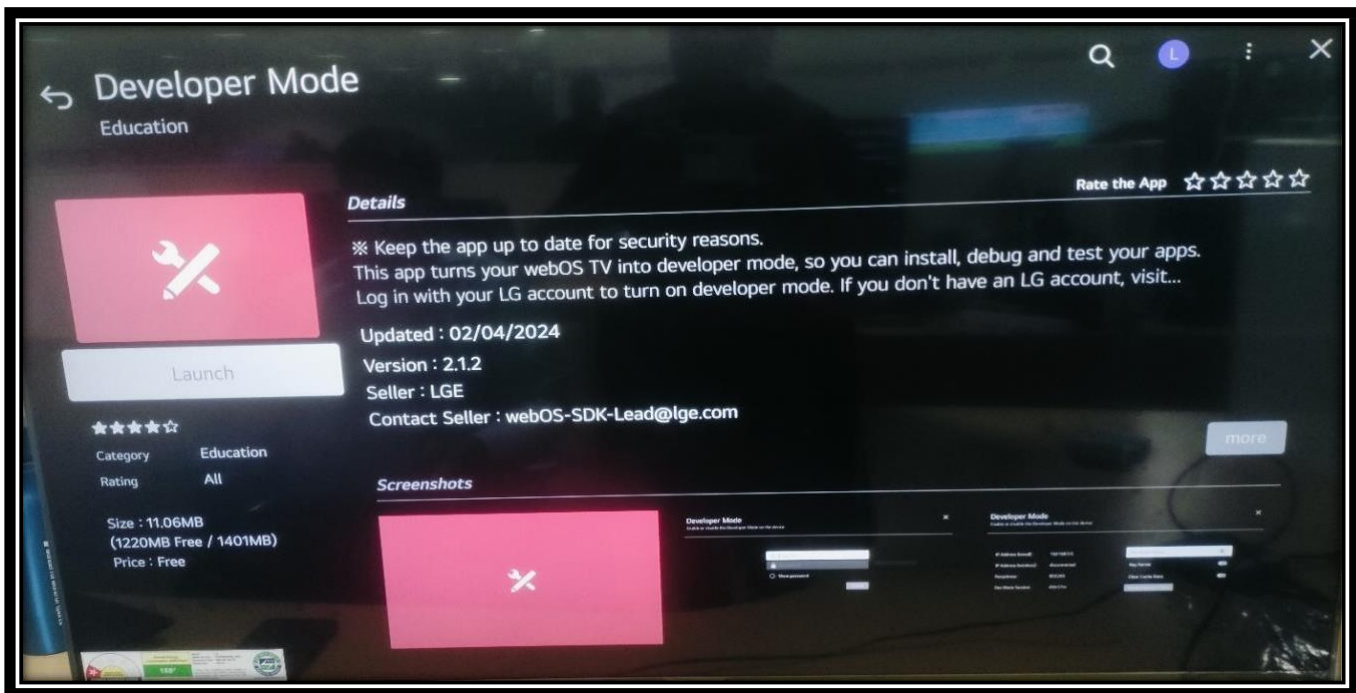Now Search the **"Developer Mode"** app in the search bar

The developer mode app will be listed.

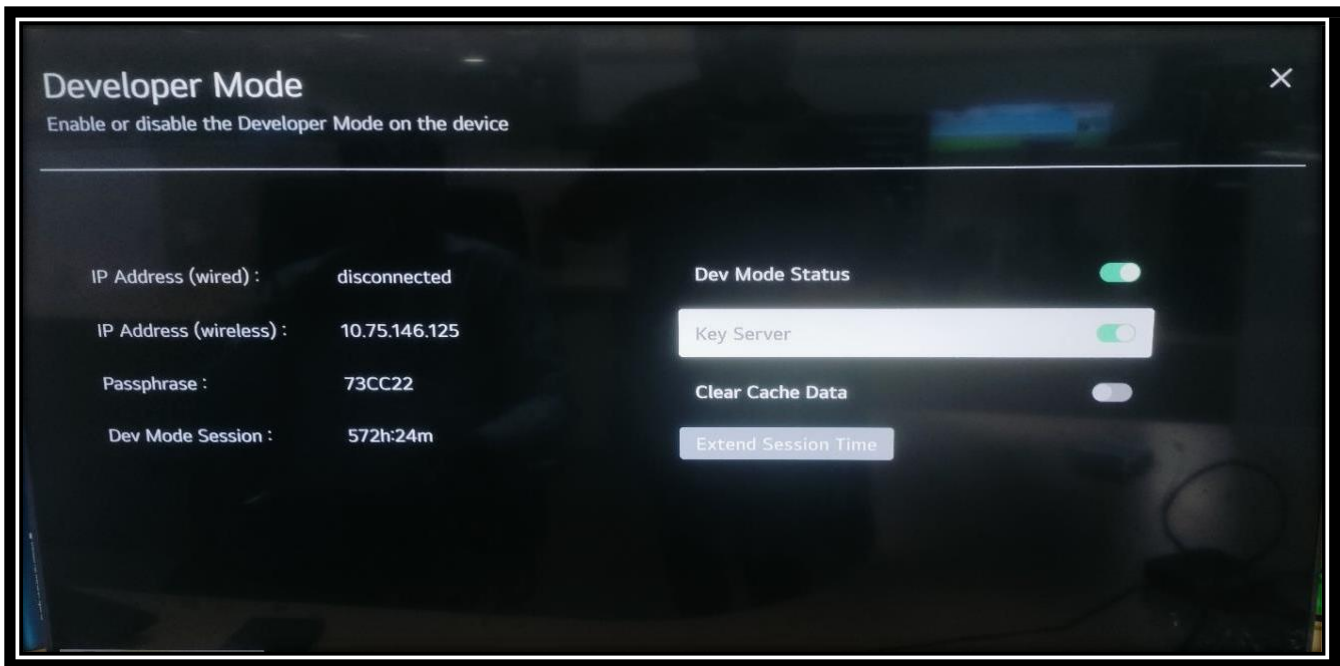Now **install** the **"Developer mode app"** on the TV.

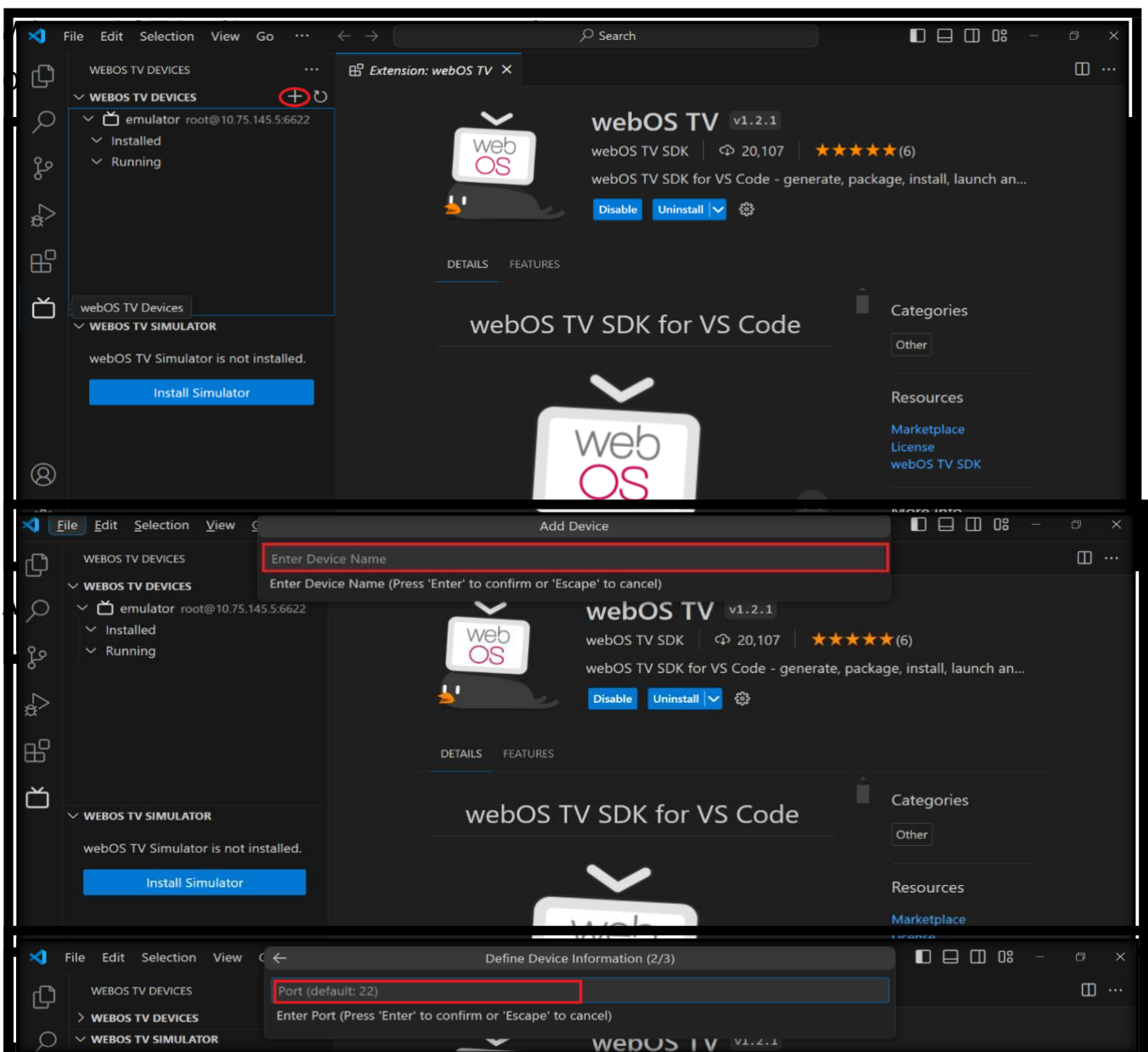After installing the "Developer mode", **Launch the developer mode app.**

After launching the "Developer Mode", the below screen is displayed.
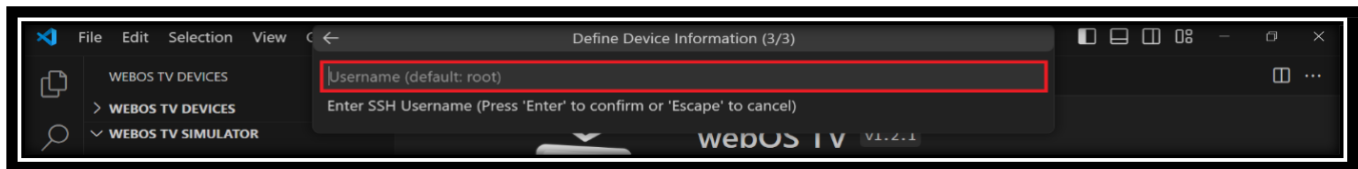
Make sure to **turn on** the **"Key Server"** mode.

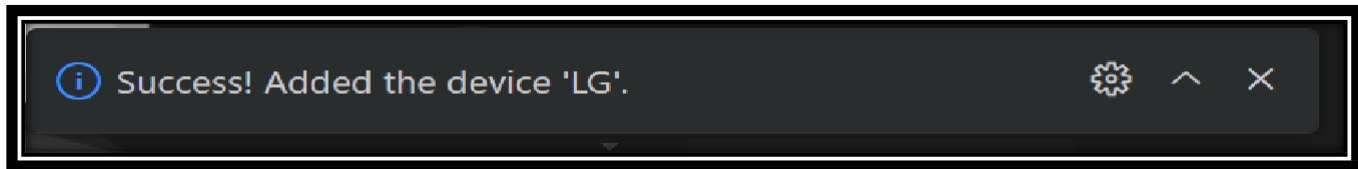## 7. Connecting the LG TV to the PC and Installing the IPK file

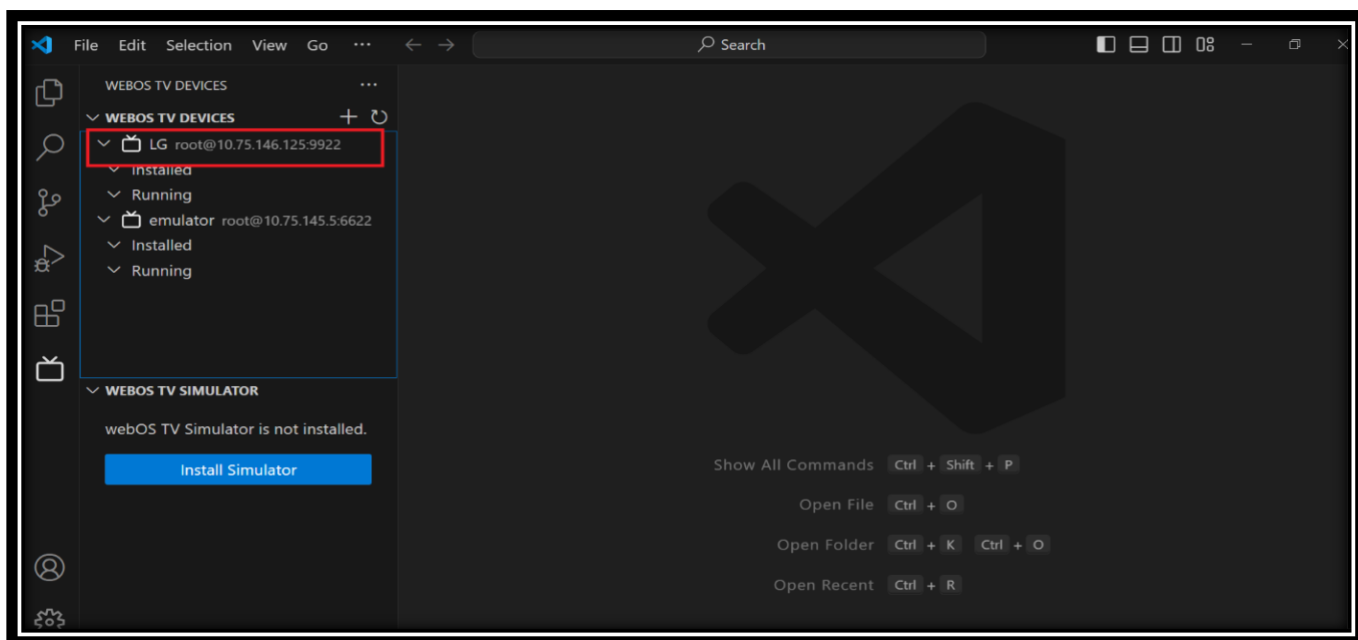Select on the "+" icon (Marked red in below picture) on "Web TV DEVICES"

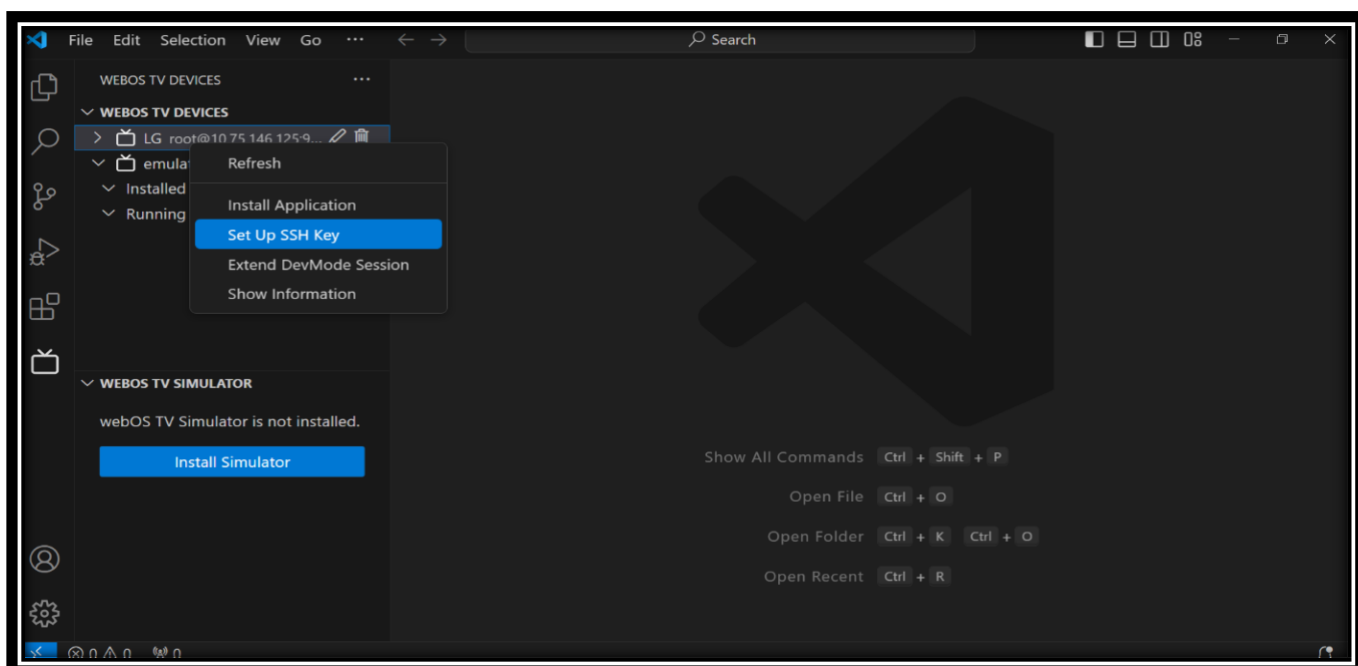**Next Enter the username as "root"**

After adding all the details below notification will appear
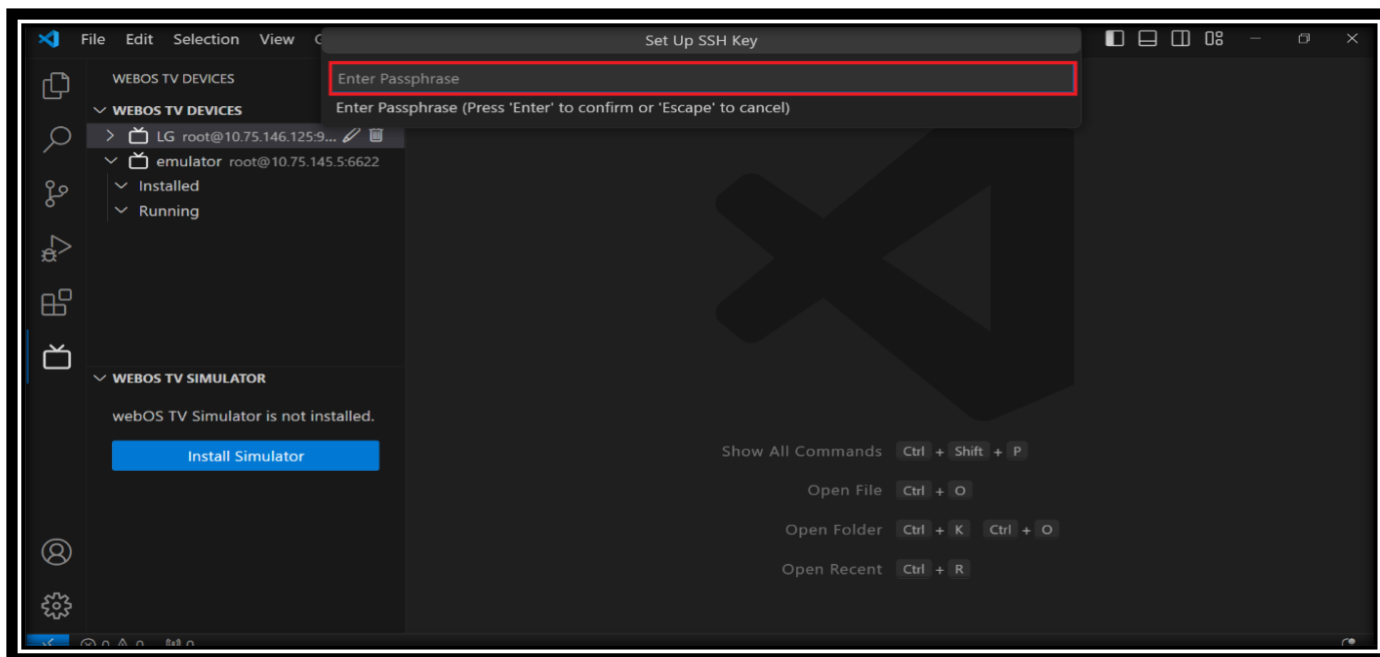

Device name is as shown below in visual studio code::
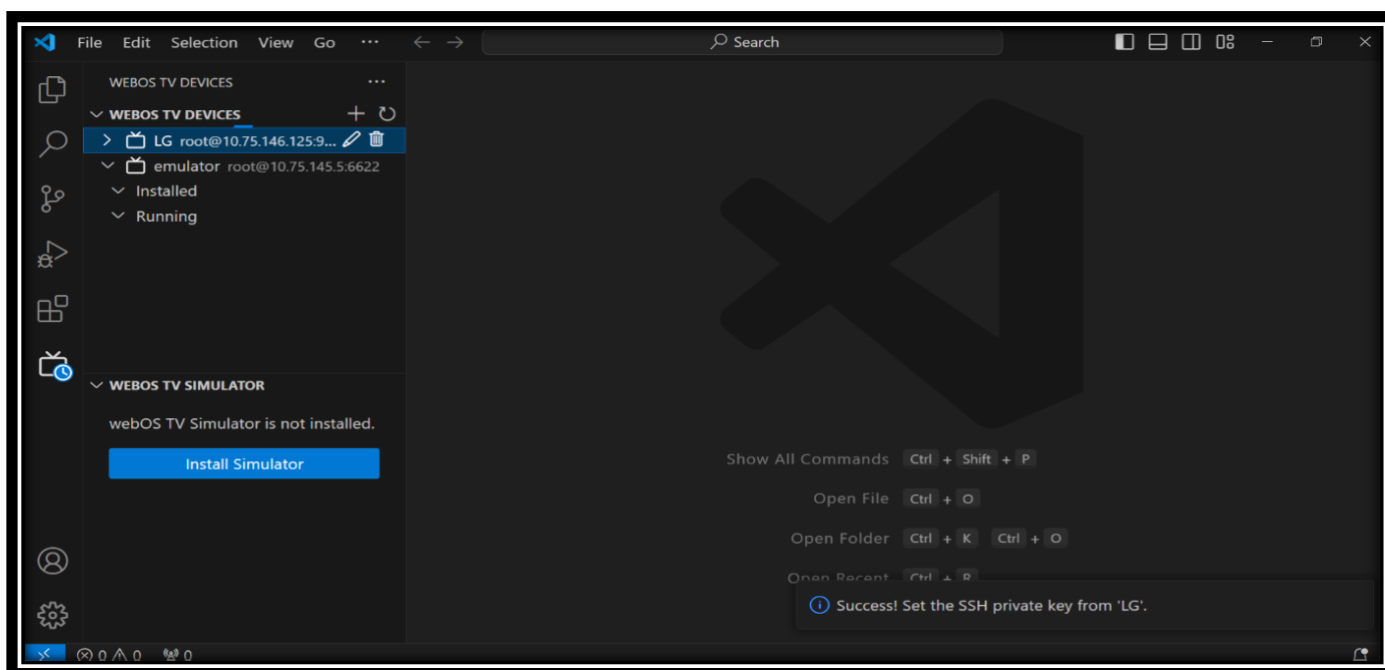

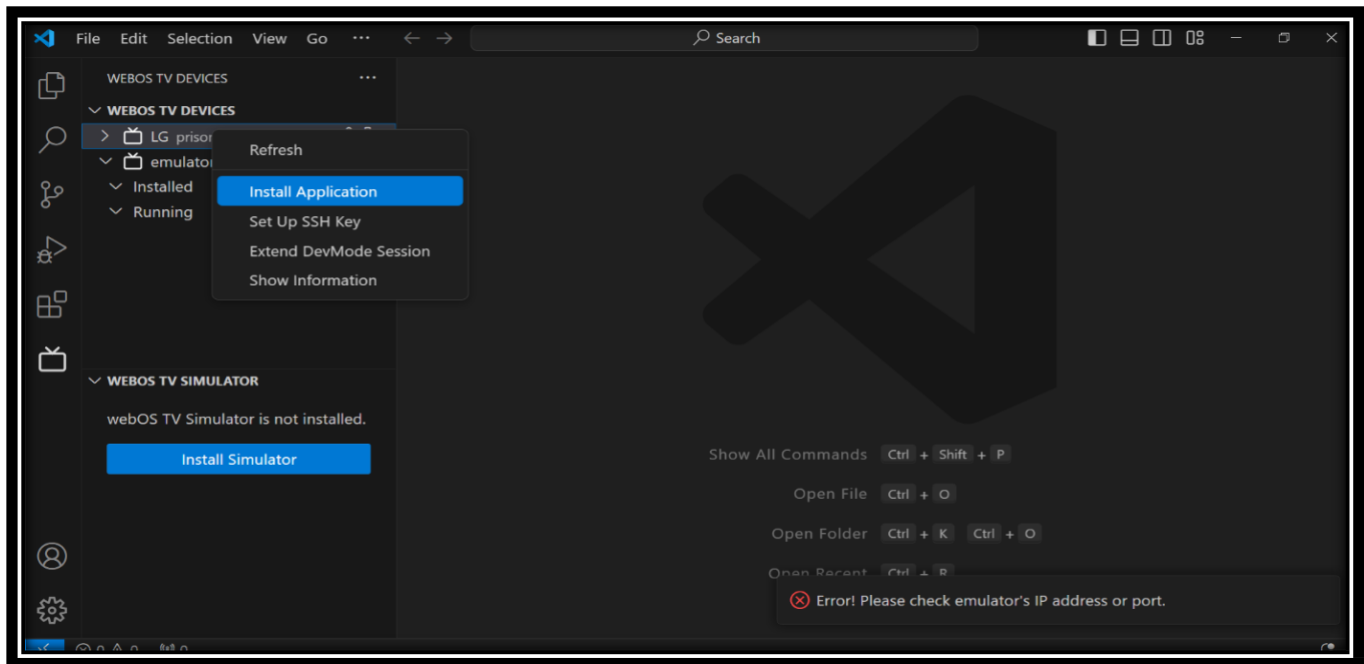**Right click on the added device (LG) and click on "Set up SSH key"**

Enter the Passphrase value from the Developer mode app of the flashing TV. (Ex: 73CC22 based on the TV). Make sure that "Key server" option should be turn on Developer mode option.
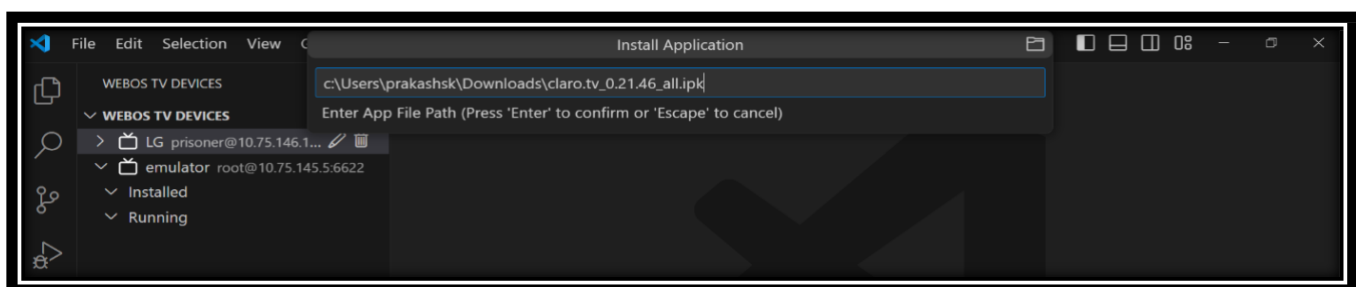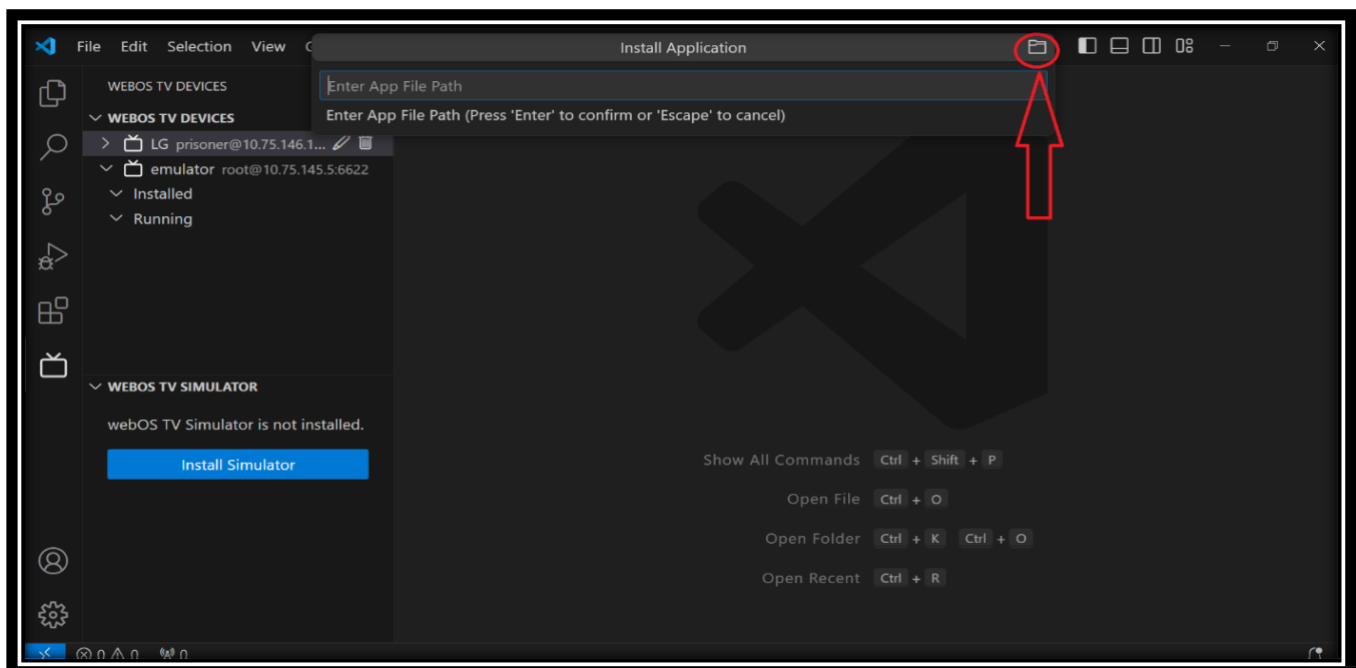

After adding the passphrase "Success! Set the SSH private key from 'LG'', message is displayed on the screen
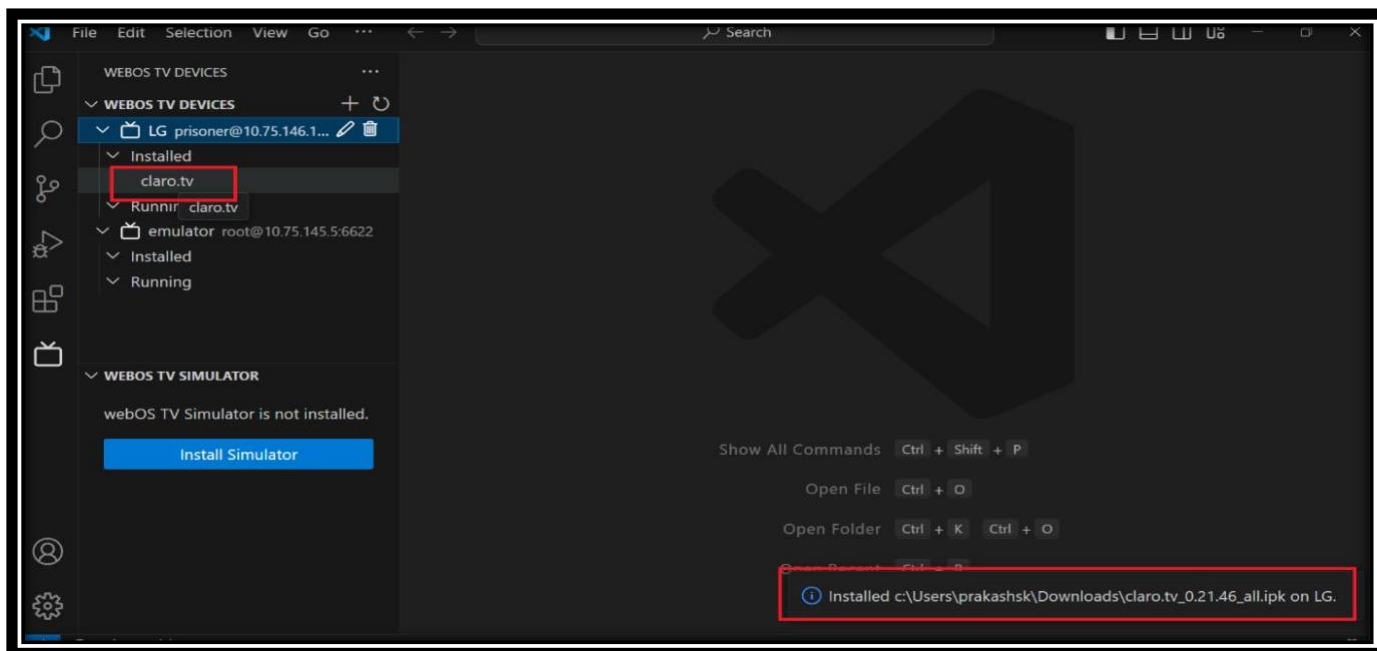
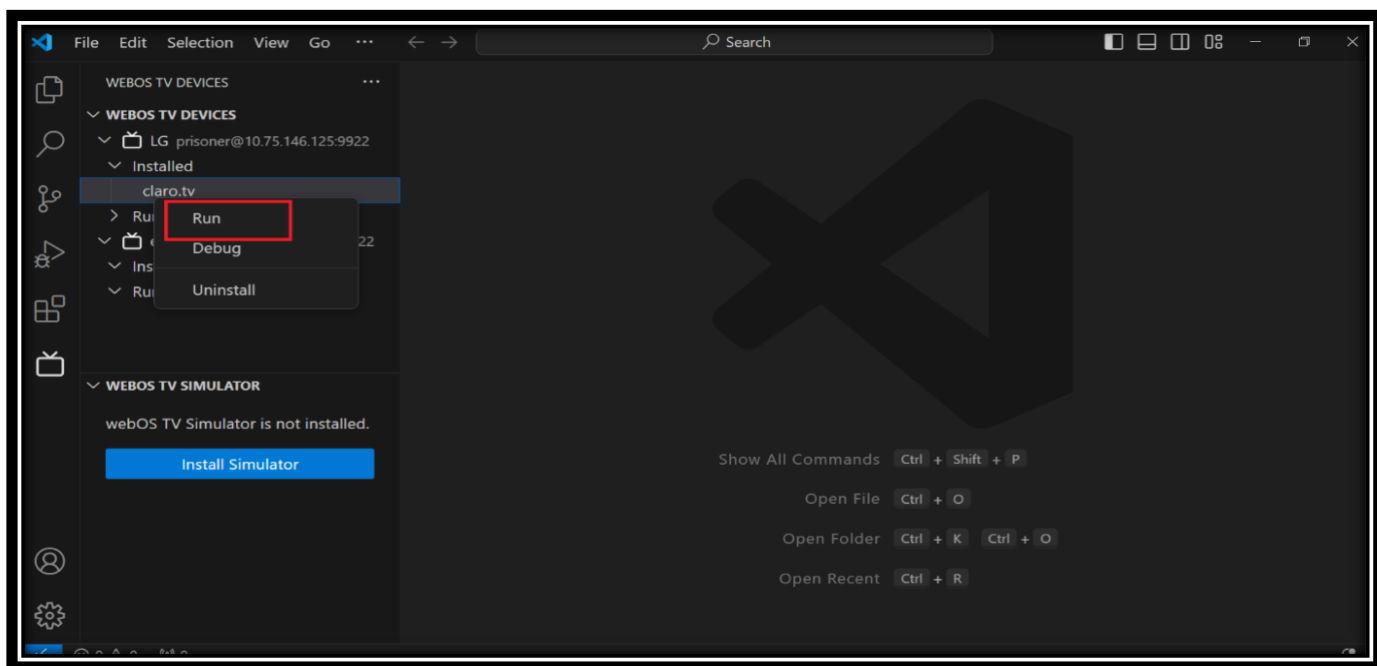Again Right click on the added device LG and select "install application".

Browse the IPK File from the PC and select the IPK file to flash on the TV.

If the "Claro tv" app is installed successfully, then the app is shown in the "installed" folder and the App installed notification is displayed as shown in the below screen

Right-click on the "Claro TV" app and Run, so that "Claro TV" app will be launched.

Note: The user can now also see the Claro TV App in the TV Apps section and launch it from there.