CSI camera preview

1. Configure CSI camera pins

```
sudo /opt/nvidia/jetson-io/jetson-io.py
```
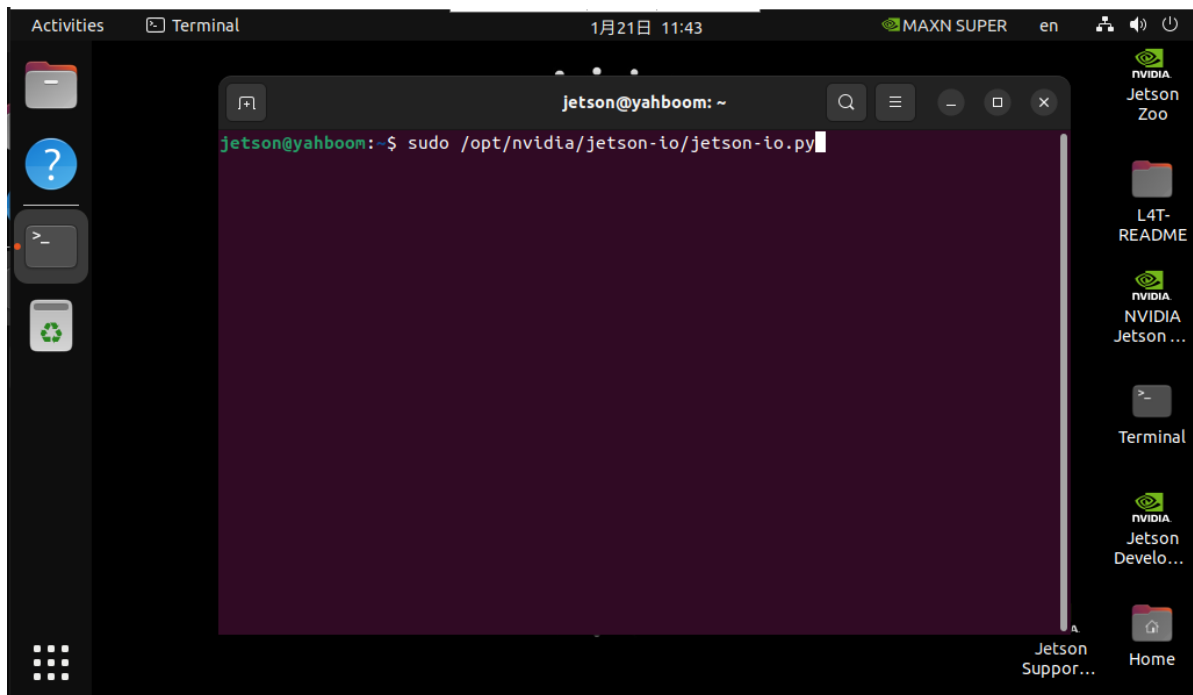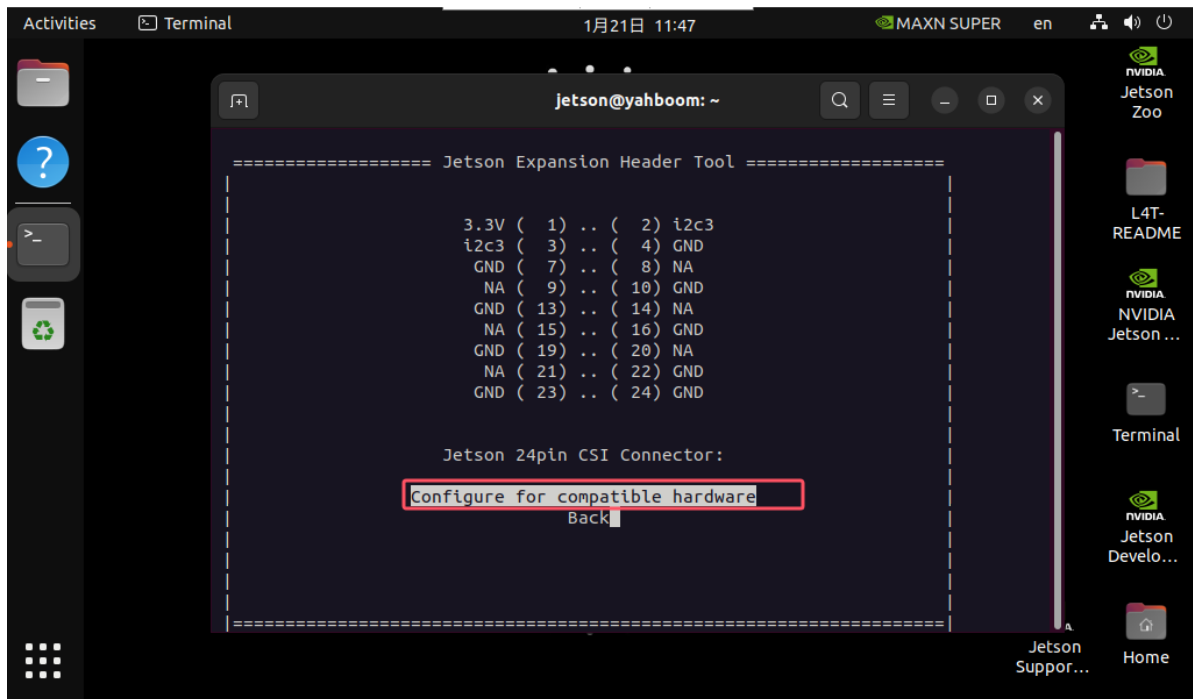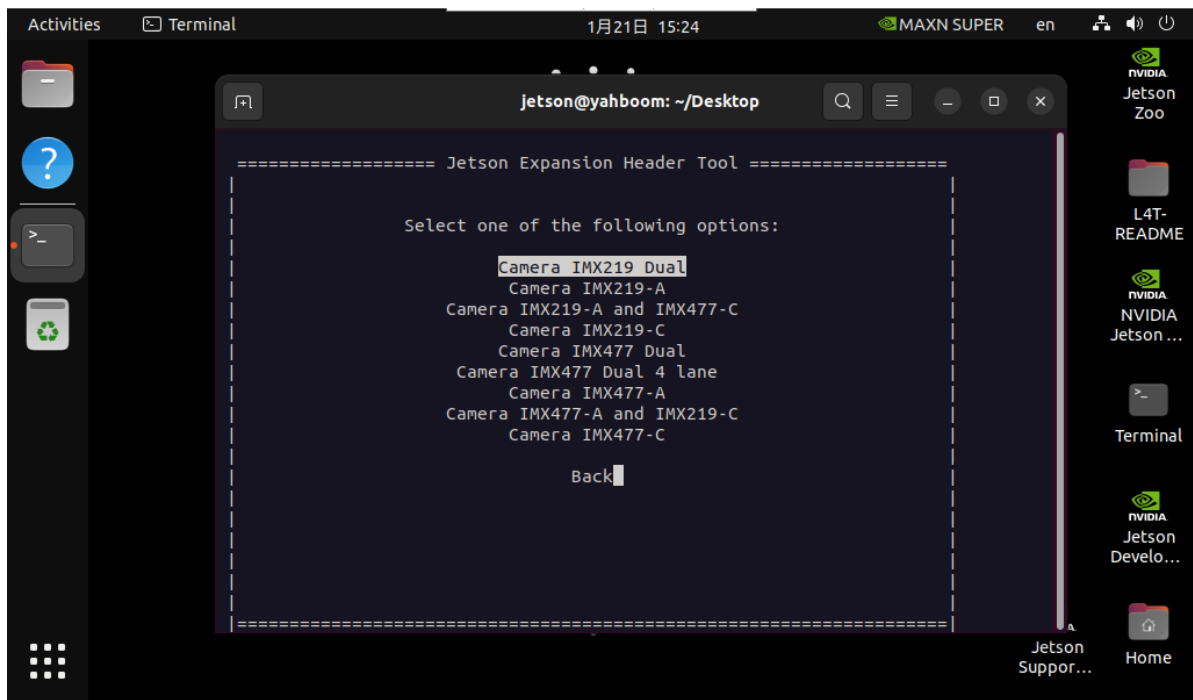

Press the arrow keys to select **Configure Jetson 24pin CSI Connector**. Then press Enter to go to the next option
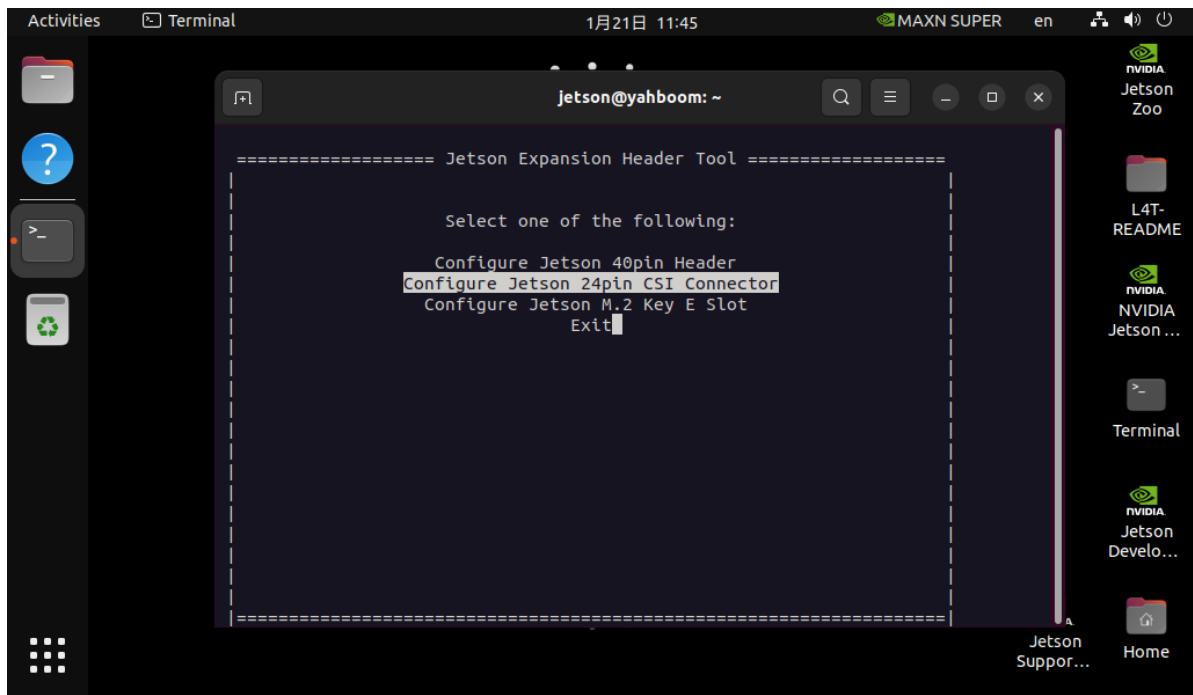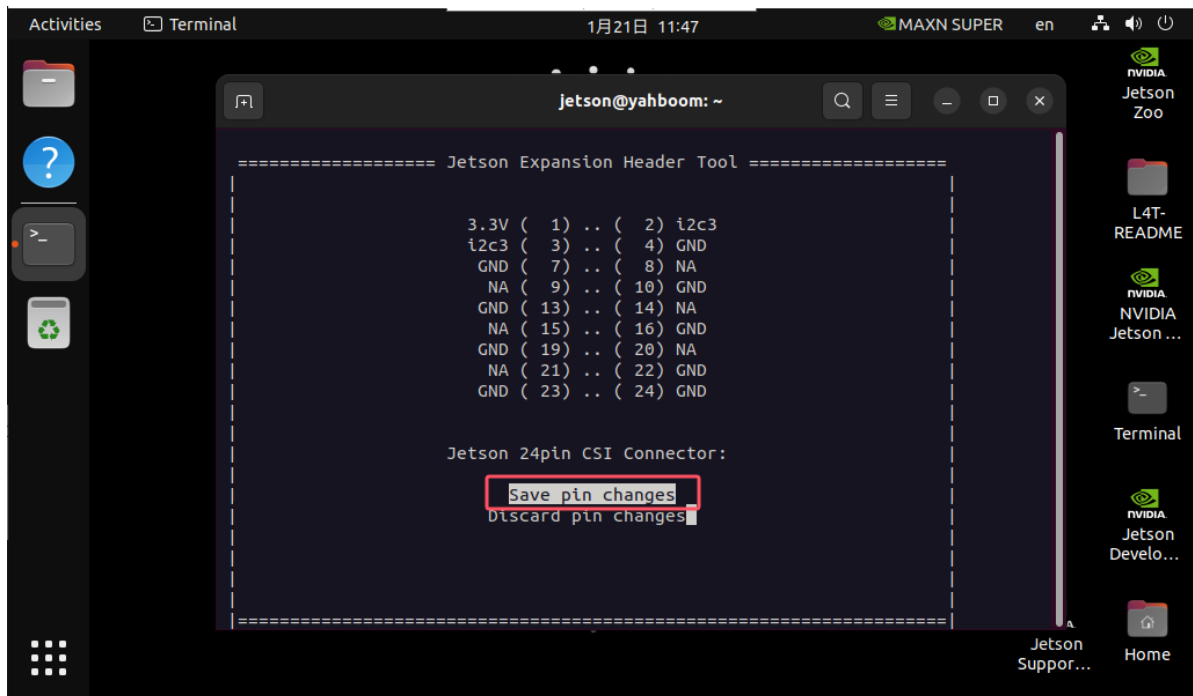
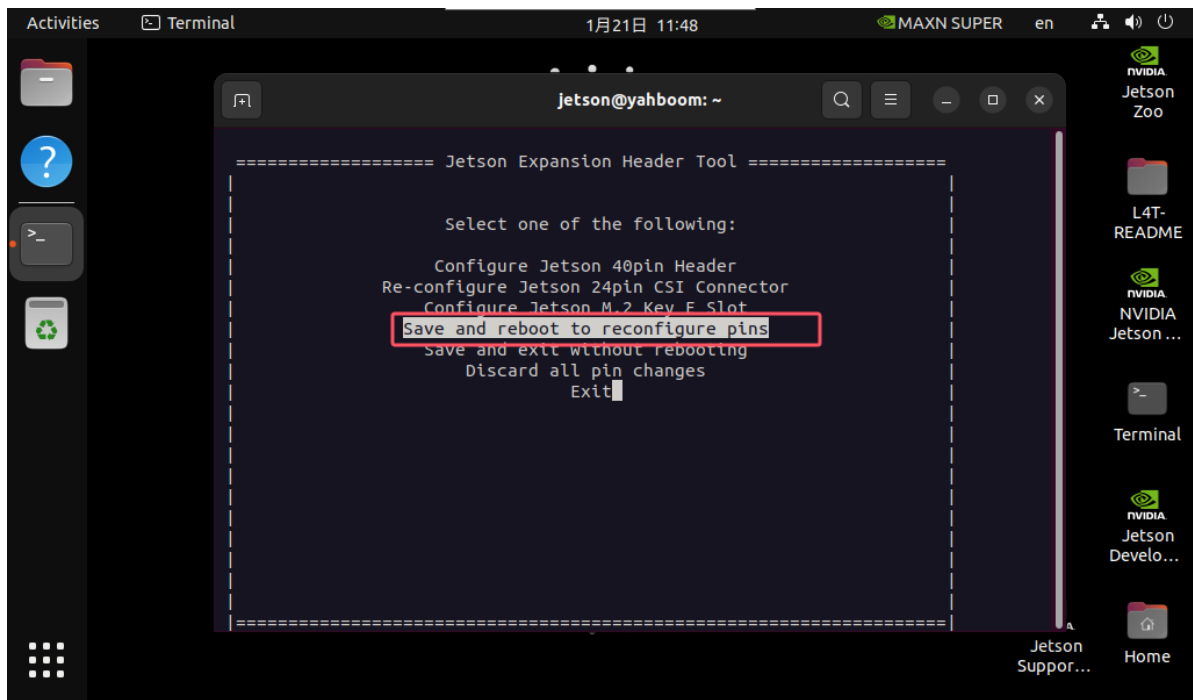Select **Configure for compatible hardware** and press Enter.

Press the arrow keys to select **Camera IMX219 Dual**, and then press Enter.

Select **Save pin changes**, and then press Enter.

Press the arrow keys to select **Save and reboot to reconfigure pins**, and then press Enter.
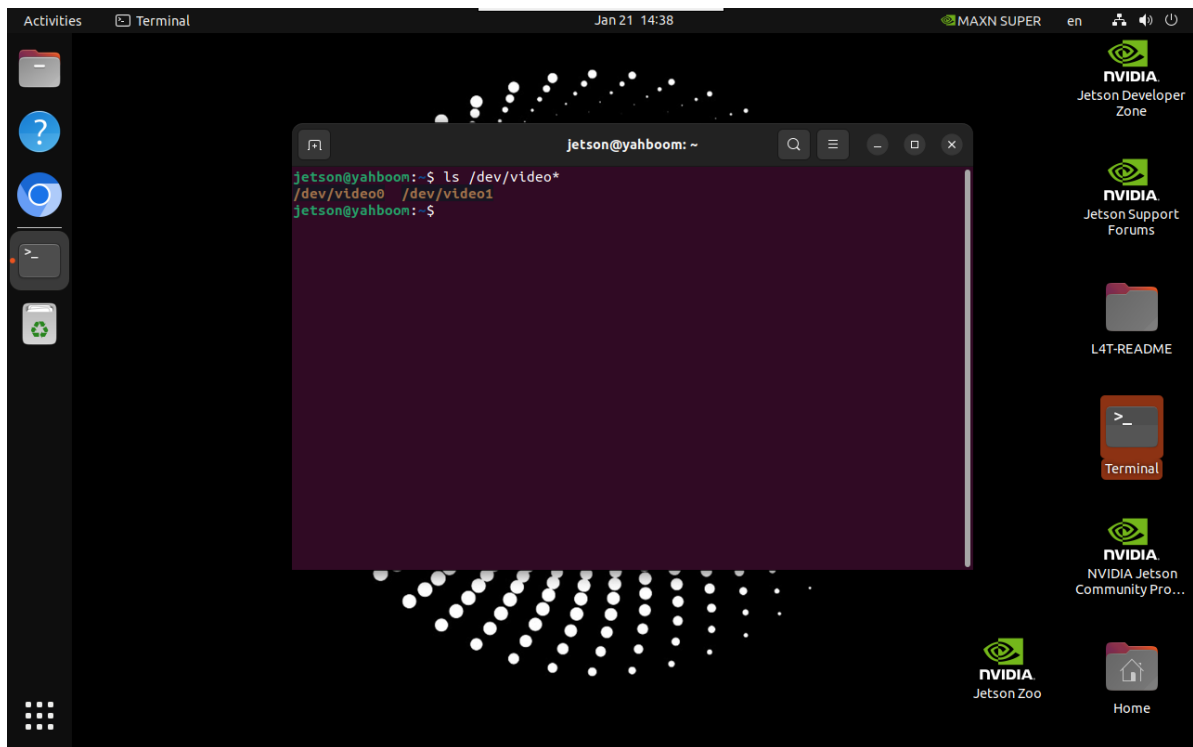
When the following interface appears, press Enter directly and the motherboard will restart.

2. Check the video device
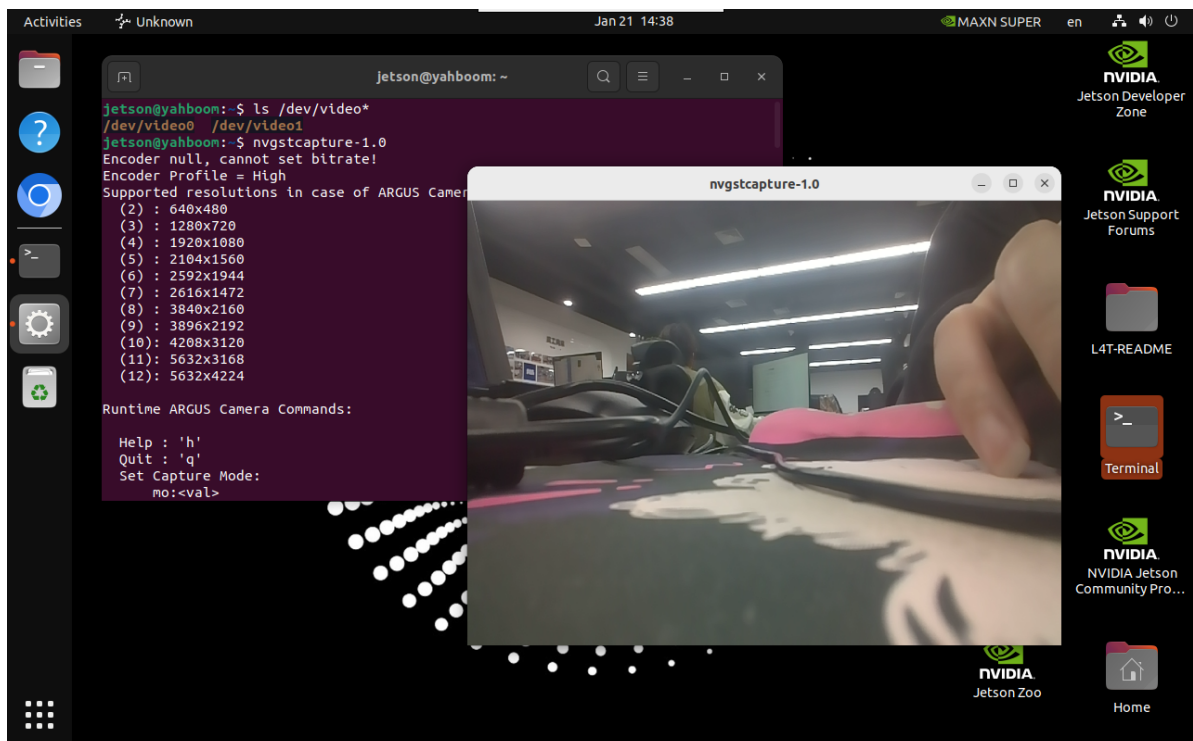
```
ls /dev/video*
```

The result of the picture is the result of connecting two CSI cameras: generally one CSI camera displays one `video` device

3. Preview the camera screen

Enter the following command in the terminal, and the system will automatically pop up the camera screen window: open the `/dev/video0` device by default
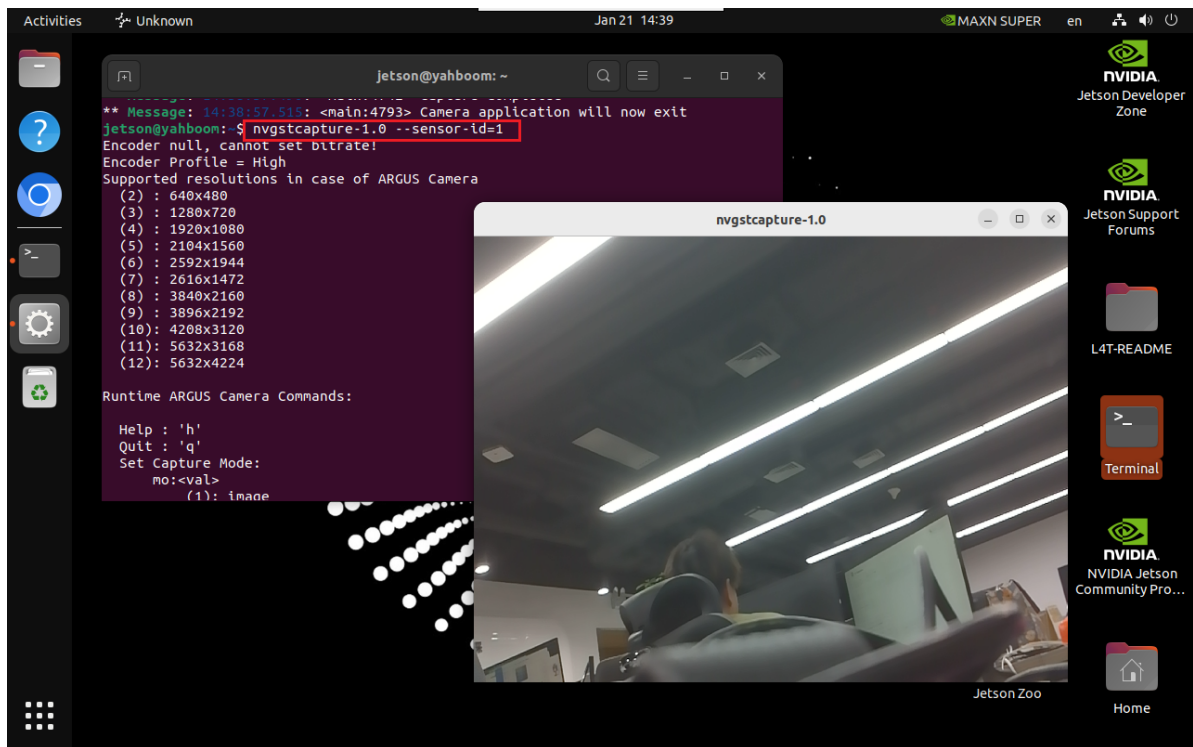
```
nvgstcapture-1.0
```


3.1. Specify the camera

If there are multiple cameras, you can specify the camera ID:

```
nvgstcapture-1.0 --sensor-id=1
```

3.2. Specify the preview resolution

If there is only one CSI camera, you can change `--sensor-id=1` to `--sensor-id=0` :

```
nvgstcapture-1.0 --sensor-id=1 --cus-prev-res=1280x720
```