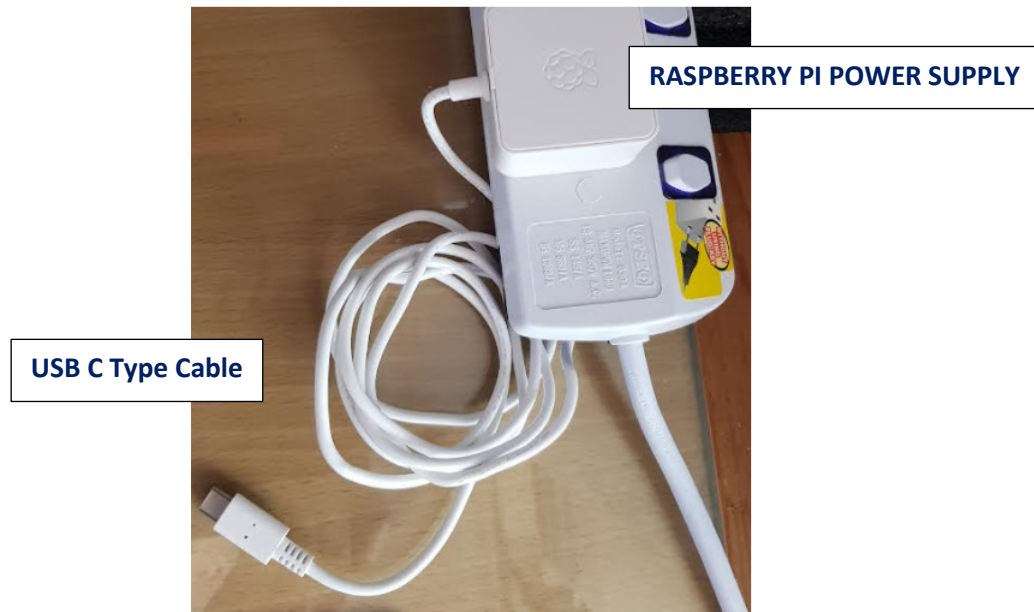


## HOW TO CONNECT TO THE RASPBERRY PI USING YOUR NOTEBOOK

### Step #1 : Powering up the Raspberry Pi

Before attempting to power up the Raspberry Pi 4, make sure that the power is turned off

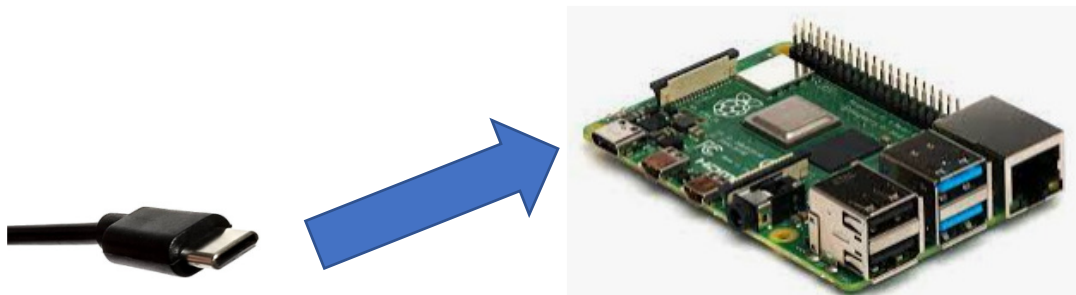


Connect the USB C Cable to the Raspberry Pi 4 as shown below.

Once the Cable is firmly in place, switch on the Power Supply.

The LED lights on the Raspberry Pi, near the power port will start to blink.

It can take upwards from 30 seconds to a minute for the Pi to fully boot up.

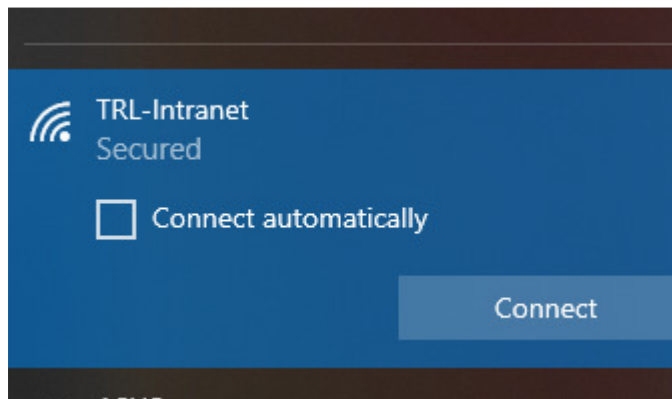


## Step #2 : Joining Makelt Space Intranet

To connect the notebook you are using to the Raspberry Pi, look out for the WIFI / ETHERNET icon shown below. You should see one of these on the task bar

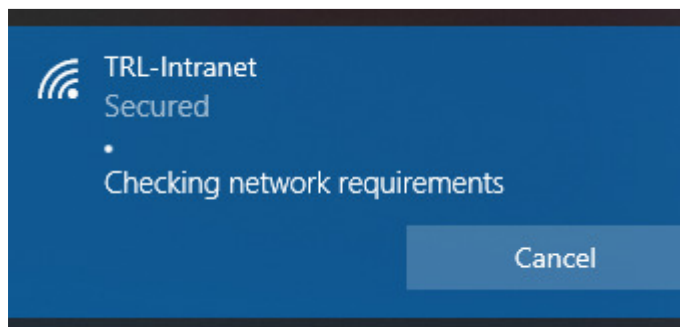


Click on the icon, and look for TRL-Intranet

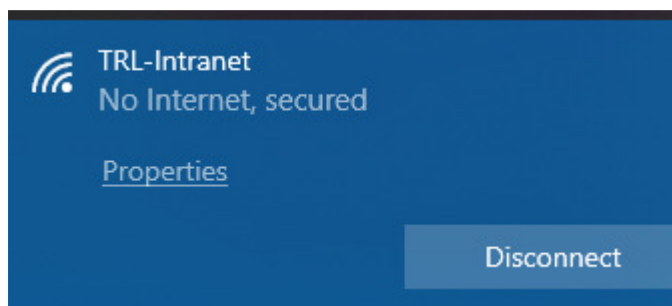


Click Connect and enter the password: **TRLNET0401**

Your notebook will now attempt to connect to the TRL-Intranet Router. You will see a display like this



Once the connection is successful, you will see this



You will now be able to connect to the Raspberry Pi that has been assigned to you.

### Step #3 Logging Into your Raspberry Pi

On the cover of the container is the IP Address of this particular Raspberry Pi, for example **192.168.0.101**. You will need this address to connect your notebook to it.

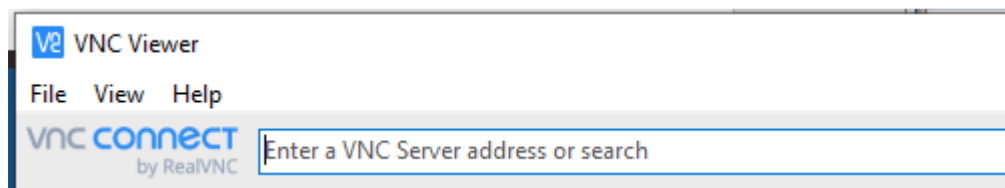
We will use a software called VNC to do this.



Look for this icon in your task bar. If you can't find this, seek help from our facilitator.

Click on this icon

You should see this on your screen



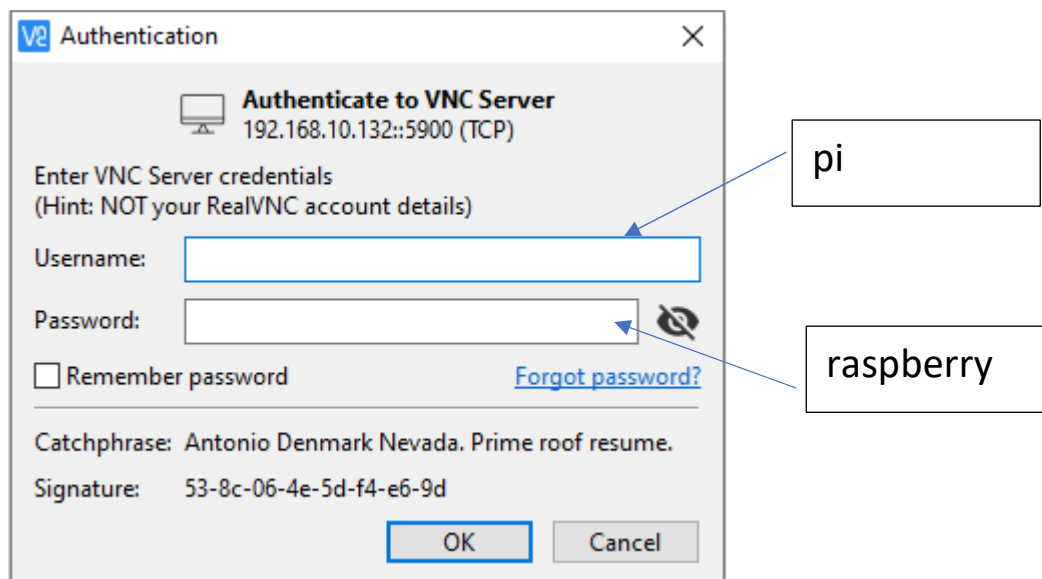
Enter the IP Address that you see on the Raspberry Pi, or the container that comes with it into the space [Enter a VNC Server address or search] like so:



Make sure that it is the correct IP Address that has been assigned to you. Then, hit Enter key.

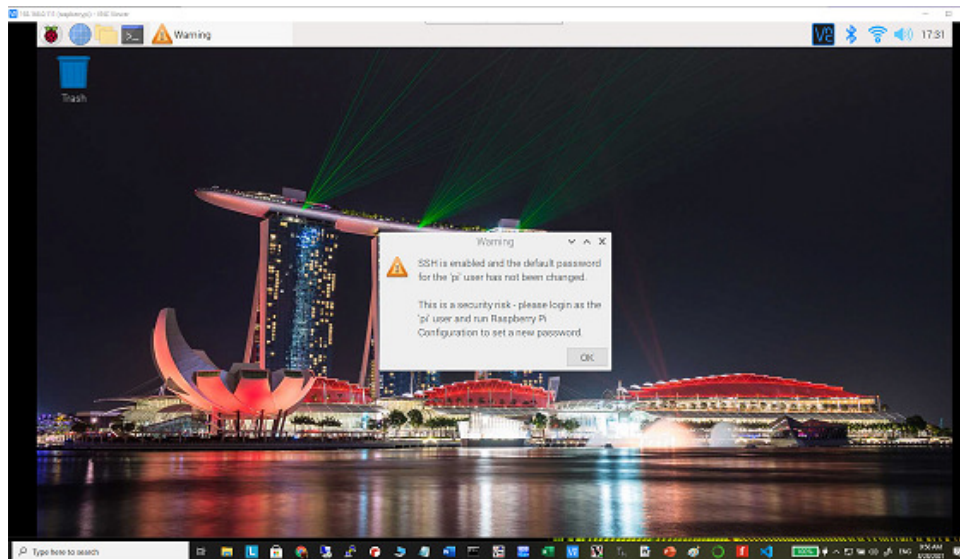
The VNC software will now look for the Raspberry Pi that has the IP Address that you have just entered.

Once connected, VNC will ask you for the user name and password for the Raspberry Pi you are connecting to: type **pi** as Username and **raspberry** as Password, like this.



Check Remember password, so that the next time you connect you won't be asked again.

Once successfully connected with your Raspberry Pi, you will see this on your screen



The IP Address will appear at the top left-hand corner of this screen.

Once this happens, you are now in full control of the Raspberry Pi from your notebook.

Well Done. Give yourself a pat on the back. 😊