

Task 6.1P RPi – Remote operation

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Q1: In no more than three paragraphs, please describe the steps you took to setup remote connection. Using bullet points are much preferred.

The steps to setup SSH access to my RPi 3B+ were:

Raspberry Pi

- Confirm the RPi was connected to my local network by running ifconfig in the terminal
 - This confirmed that DHCP had assigned IP 192.168.0.100 to the Pi
- Open Raspberry Pi Configuration from the Preferences menu of Raspian
- Checked 'Enable' in the Interfaces tab and selected OK
- At the terminal run:
 - `sudo systemctl enable ssh`
 - `sudo systemctl start ssh`
 - running `sudo systemctl status ssh` confirmed the server was running and active

Desktop Computer

- Opened Windows Terminal running WSL2 (Ubuntu 18.04)
- Executed `sudo ssh pi@192.168.0.100`
- Ran `ls` command to list the content of the home directory
- Ran `lscpu` to obtain a list of hardware information (see screen capture below)

Q2: Paste the screen capture here and submit the file as your submission for task 6.1P.

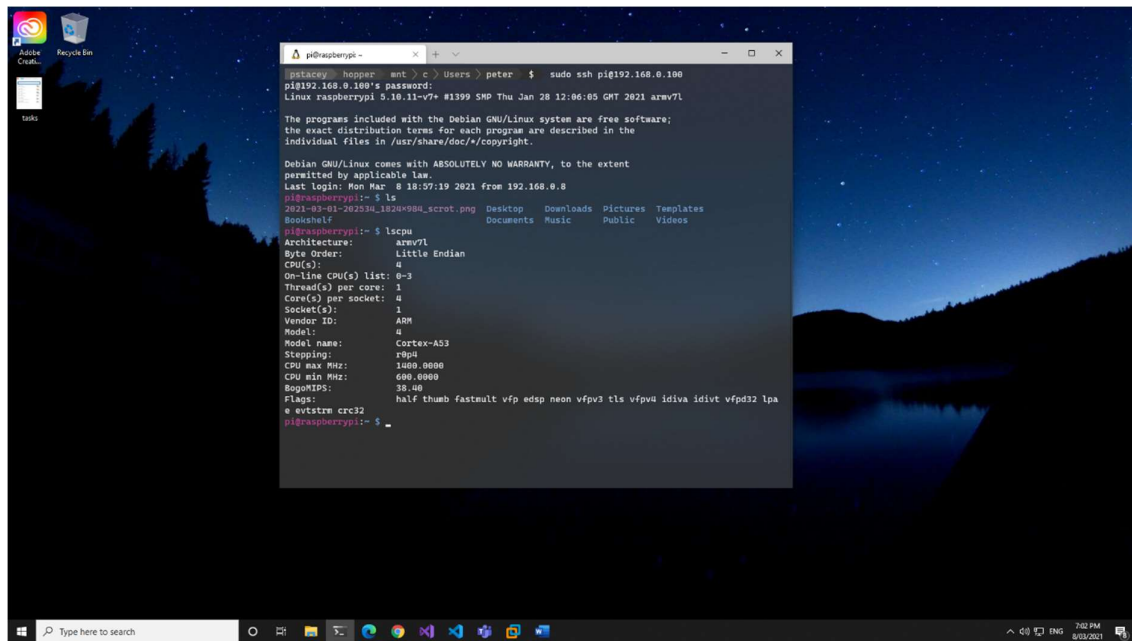


Figure 1: Screen capture of SSH login to Raspberry Pi from Windows 10 Desktop