Open in Colab

Prelab 0.1 Introduction

0.1 Notation and rule

In the lab manuals, variables, menu, filename, command, code, and so on are written in a tilted font within single quotation marks (like *'example'*) to distinguish other text in the manual. Command for figuring out the IP address of Windows computer, for example, instruction will be 1) Open *'Command Prompt'*, 2) Type *'ipconfig'*. Or it is instructed as followed so that you can copy and paste the command when it is too long and complicated. Tips or comments will be given after a bullet point or pound mark (#). If you are taking online class, you should follow green-colored-text (Online class).

Windows - Command Prompt

```
ipconfig
```

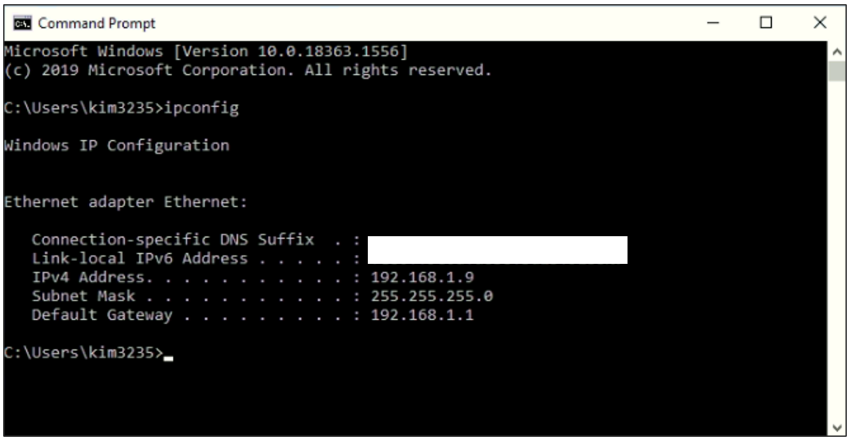


Figure 1 Check IP address using Windows Command Prompt

In case of Raspberry Pi, your IP address can be checked by 1) Open '*Terminal*', 2) Type '*ifconifg*'.

Raspberry Pi - Linux - Terminal

```
ifconfig
```

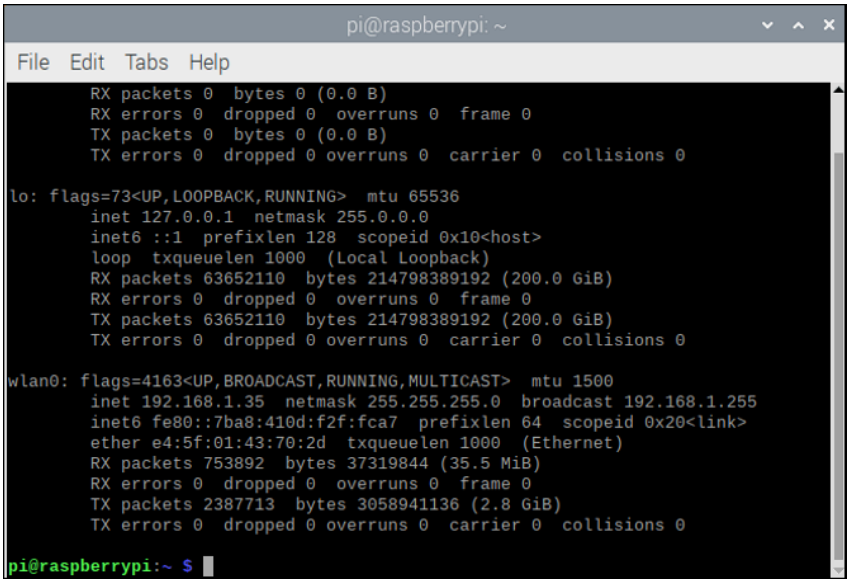


Figure 2 Check IP address of Raspberry Pi Terminal

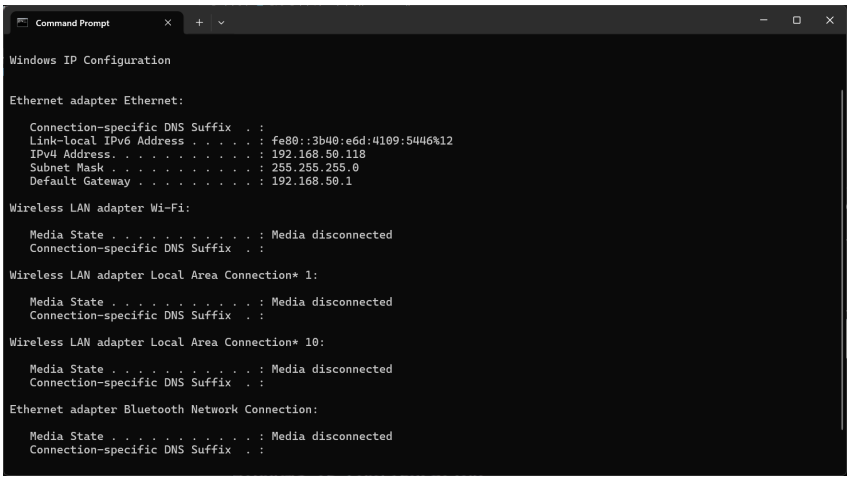
In the prelab and lab manuals, there will be 'Task' directions. You should include **task** outcomes or answers to the question according to the directions in your prelab and lab report.

- Below are examples of various **tasks**, you do not need to complete these.

Examples:

Task 0.1

In [ ]:
```
#@title 1) Capture your Terminal window and attach it to the report below: {display-mode: "form"}
```



In [1]:
```
#@title 2) What is your IP address? {display-mode: "form"}
T1 = '192.168.50.118' #@param {type:"string"}
print(T1)
```

```
192.168.50.118
```

Please continue to Prelab 0.2 here.