VirtualBox Download & How to use
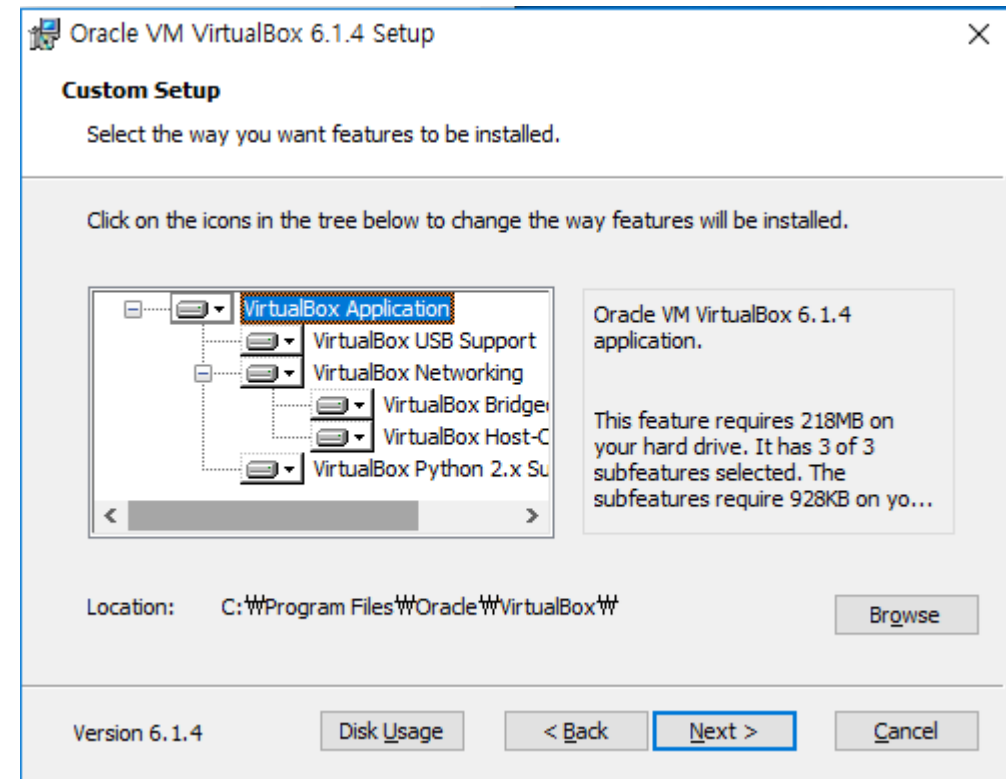
Oracle VirtualBOox

- Download virtualbox depending on your computer's OS
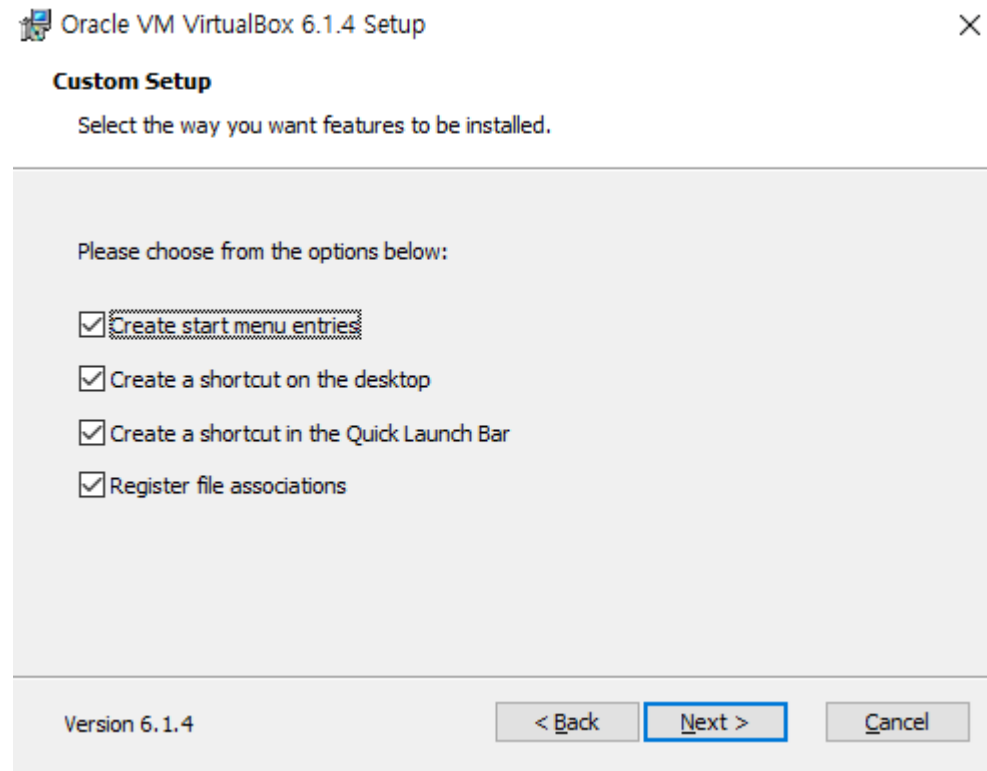
- https://www.virtualbox.org/wiki/Downloads

Oracle VirtualBox

- Run installer

- Press next

Computer Programming (2020 Spring)
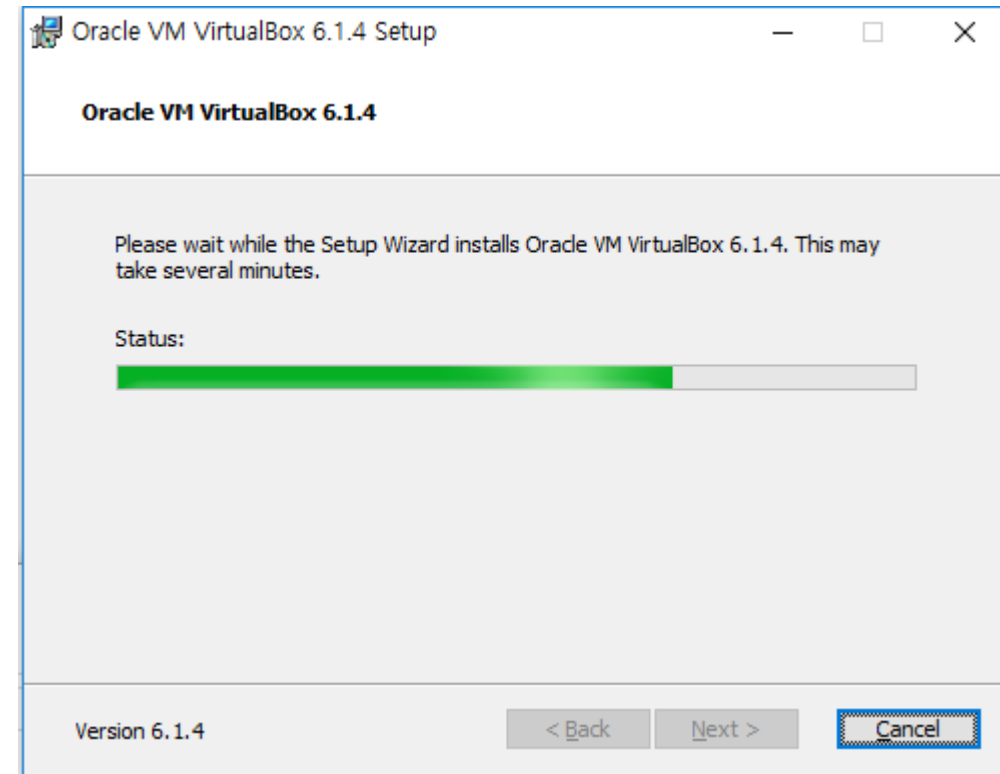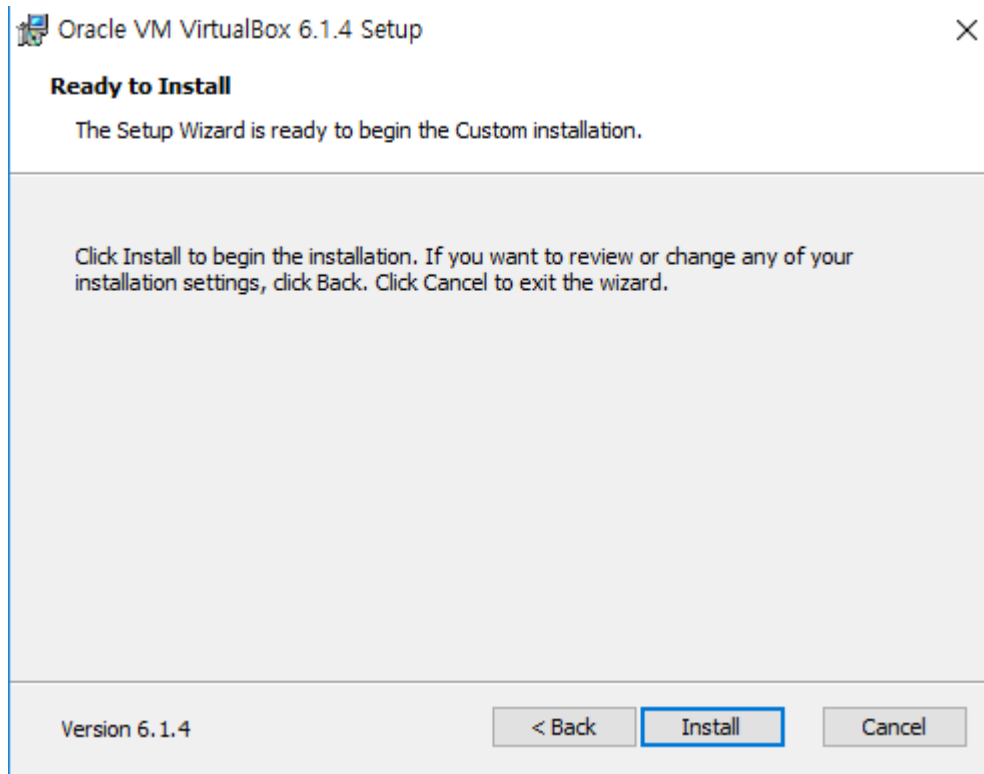
Oracle VirtualBox

- Next

Oracle VirtualBox

- Start installation

Oracle VirtualBox

- Continue installing

Oracle VirtualBox

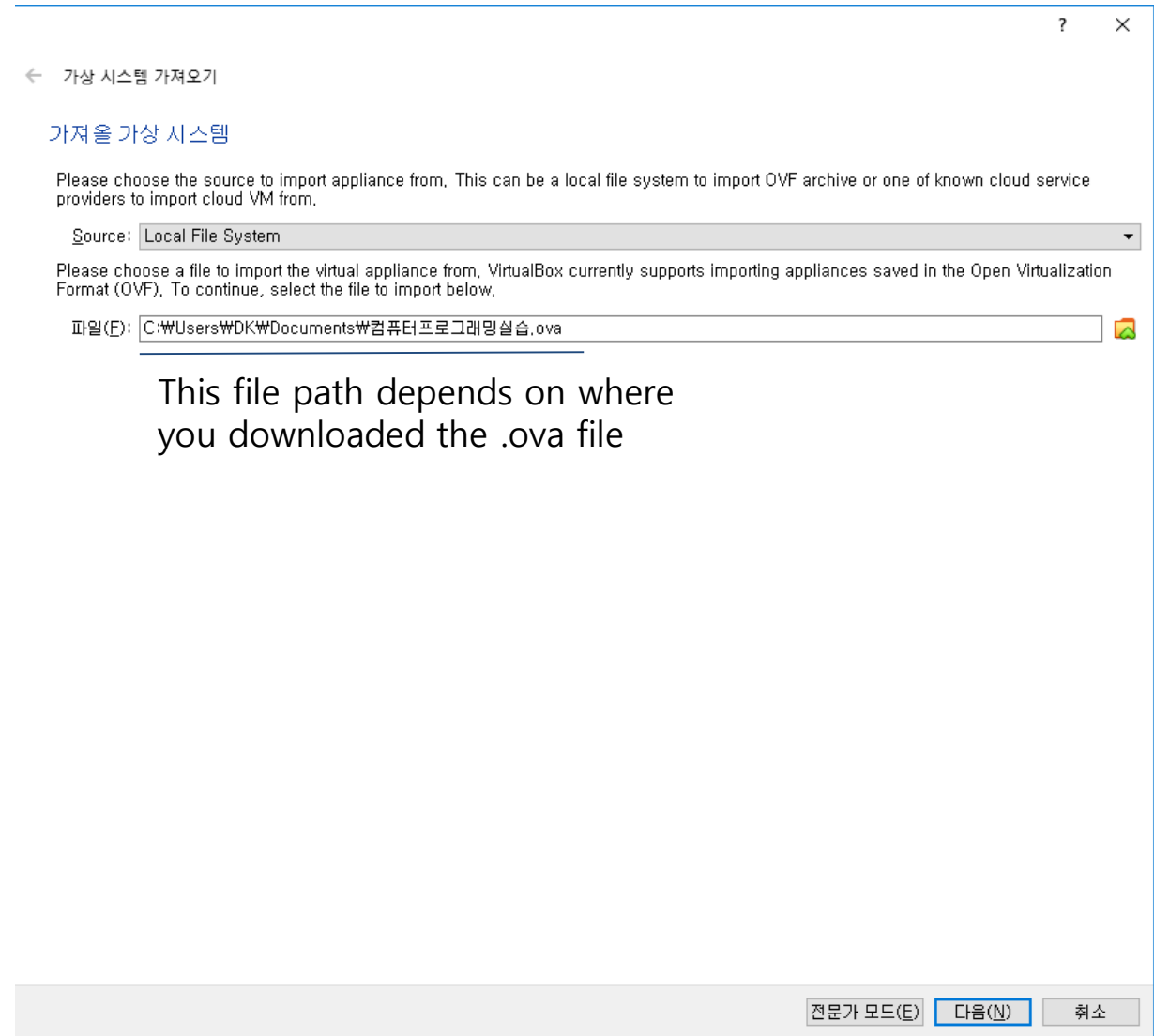- If installation is complete, start the VirtualBox

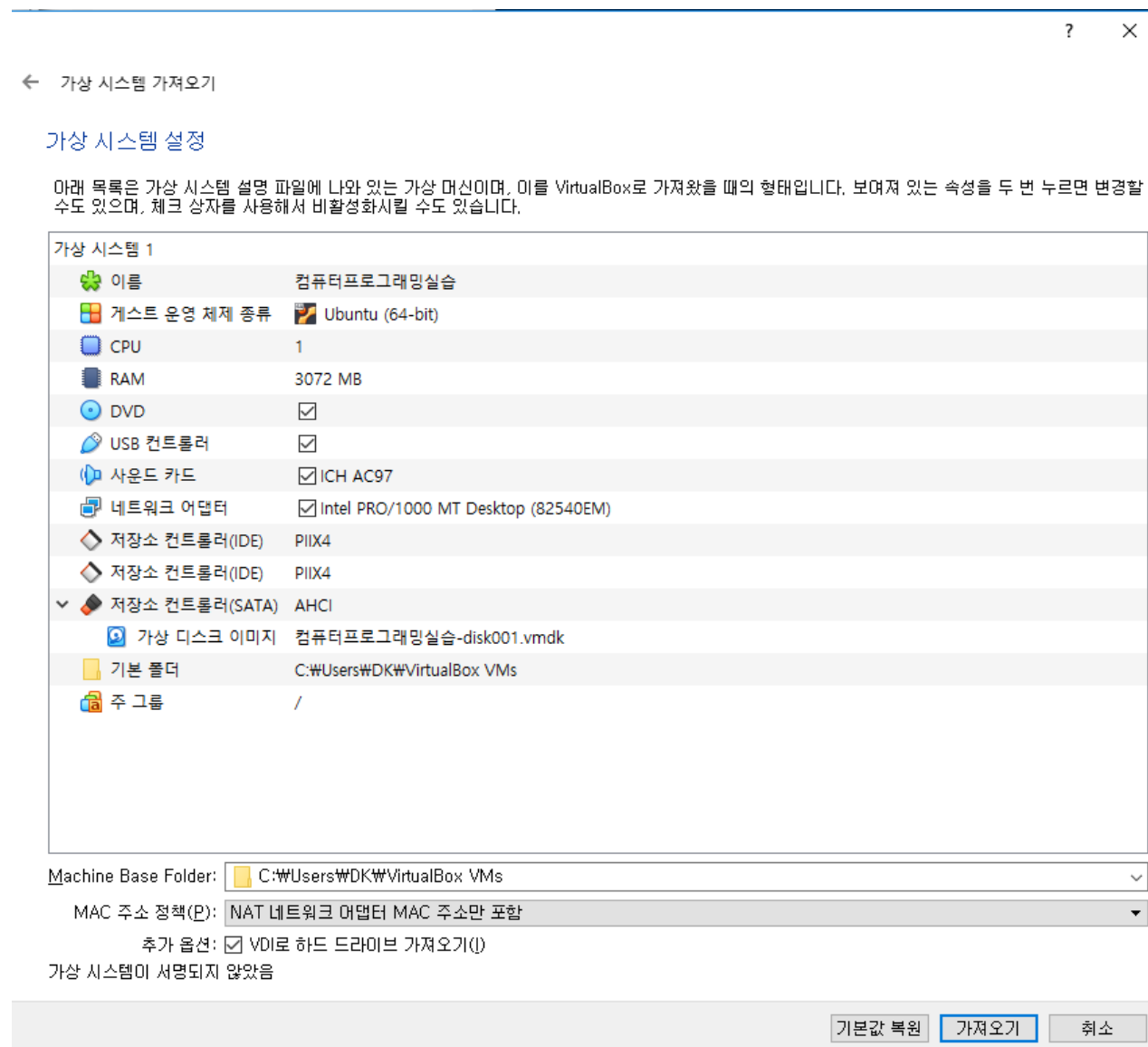# Oracle VirtualBox

- You will see such window
- Press 가져오기 or Import

or

Oracle VirtualBox

- Select the .ova file that we have provided (cp2020spring.ova)
- Press Next

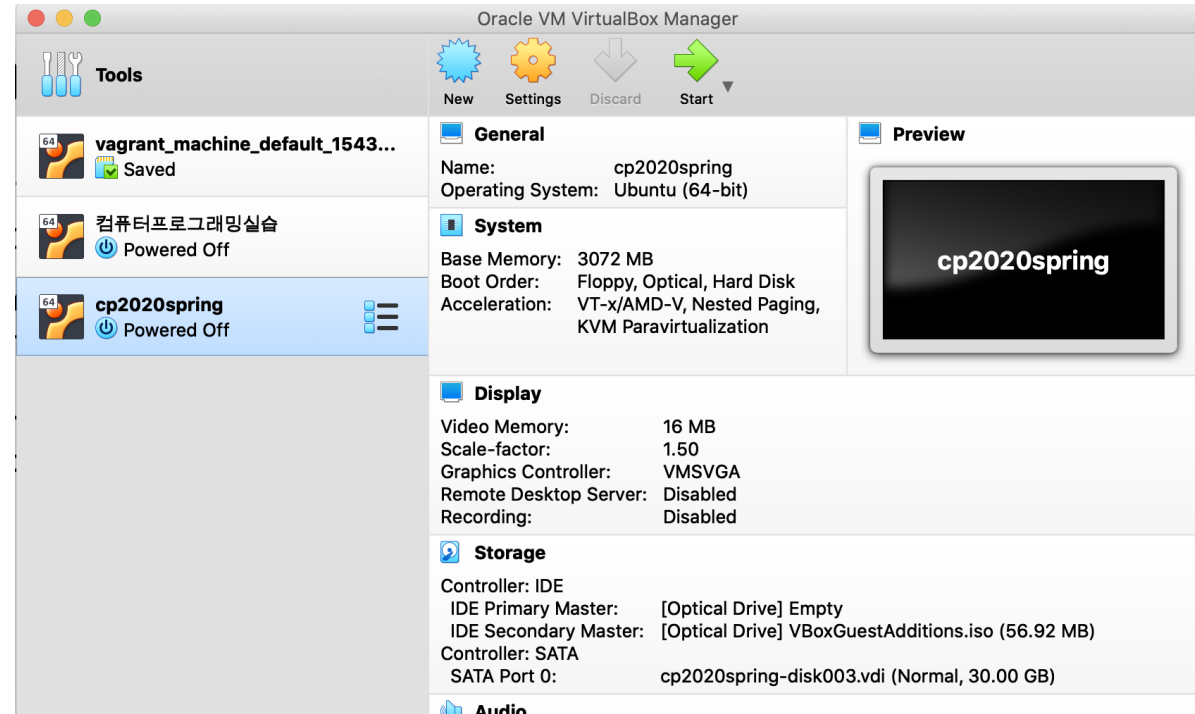This file path depends on where you downloaded the .ova file

Oracle VirtualBox

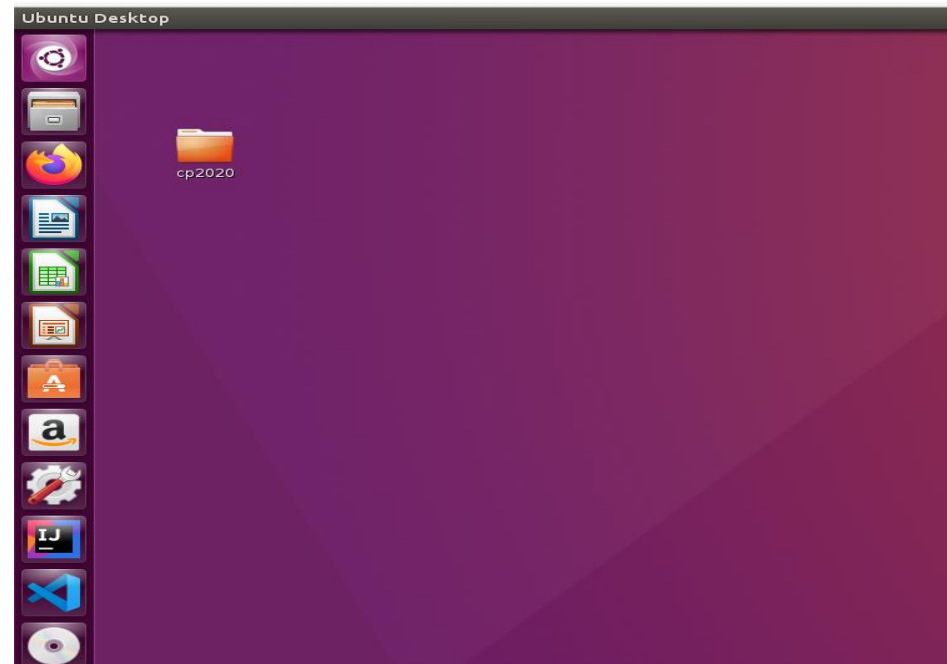- Leave whatever it says as it is
- And continue

Oracle VirtualBox

- If successful, you will see cp2020spring on the list

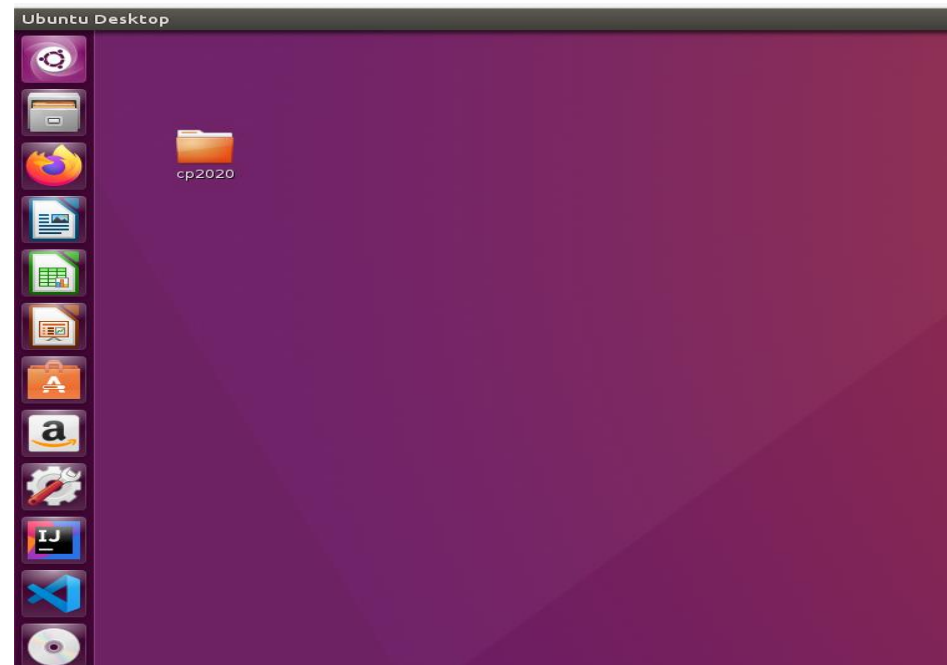- Ubuntu user name: cp2020

- Password: 1234

Oracle VirtualBox

- If run the virtual os, you will see ubuntu 16.04 system
- There are vscode and IntelliJ IDEA downloaded.

Oracle VirtualBox

- To run vscode, search vscode and run
- To run IDEA, search IDEA and run
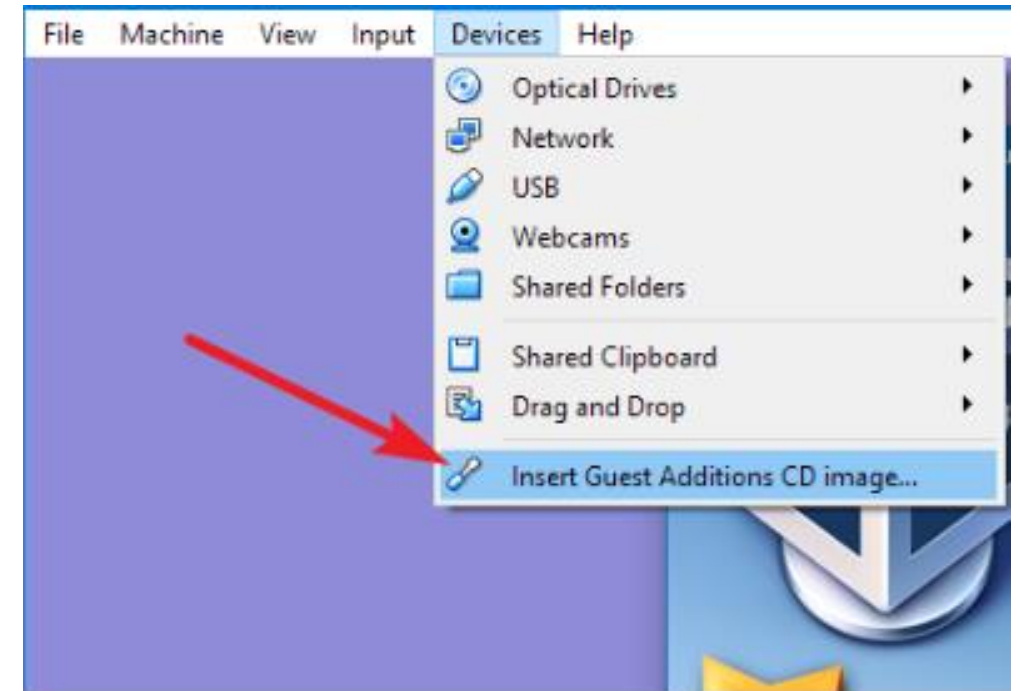
Oracle VirtualBox

- vscode build and run:
  - ○ ctrl + shift + b : build
  - ○ ctrl + shift + t : run the executable

VirtualBox Environment

- Please note!
- We will use this environment to score your projects and homework (if assigned).
- Make sure your code runs completely without error in THIS environment so you can avoid unnecessary failure in class.
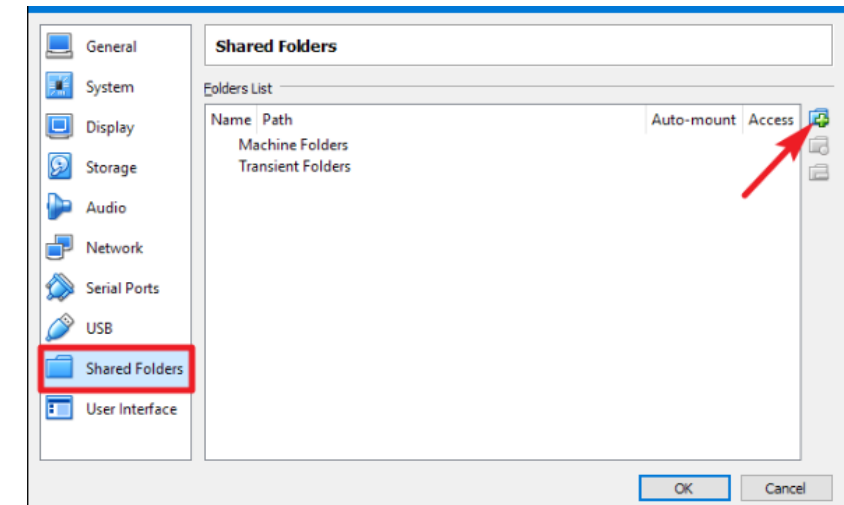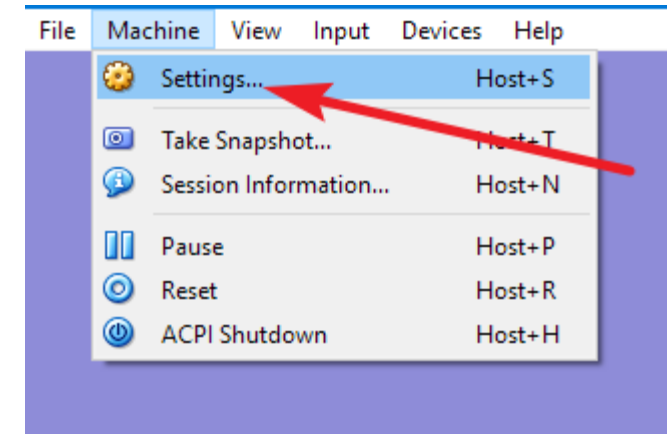
How to set up shared folder

- It is shared folder between your main OS and the virtual OS.
- Run the virtual OS and press button on the picture
- Install what it says to.
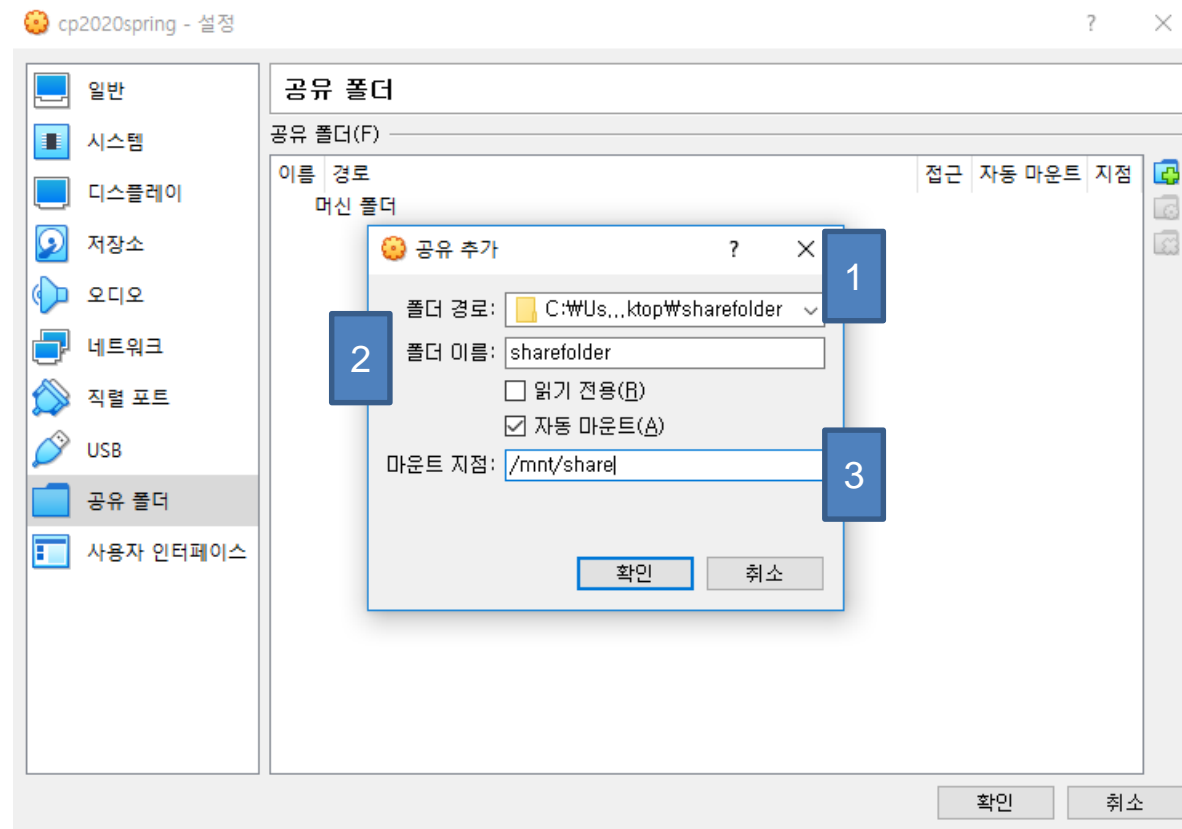- I have made directory /mnt/share for you.

How to set up shared folder

- Go to settings -> shared folders
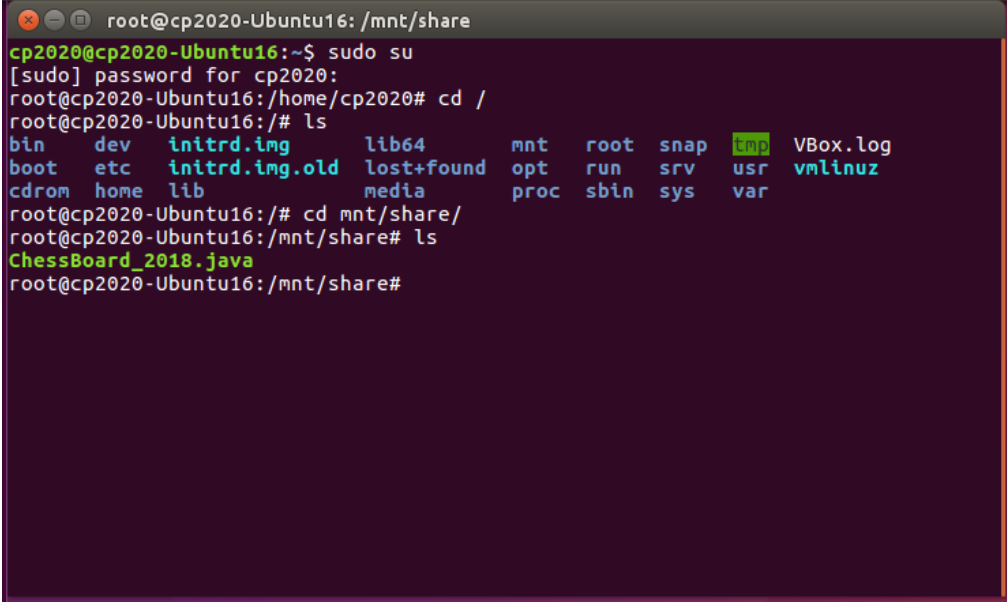- And add one under Machine Folders.

How to set up shared folder

- 1 is the folder path on your main machine.
- 2 is folder name
- 3 is folder path on virtual machine (which is mnt/share I made for you)
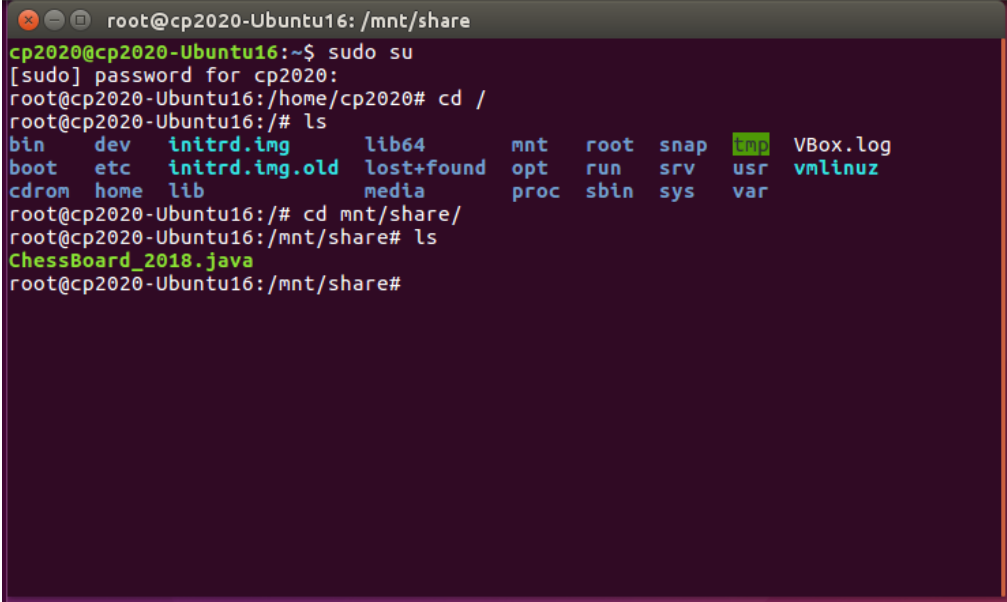
How to set up shared folder

- Start the machine and open Terminal
- Follow the picture to type commands and access to share folder!
- You will see whatever file you put into the folder from the main OS.

Be careful!

- Your virtual machine only has 30GB for storage..
- You should not download unnecessary files into virtual machine since it will slow down the system.
- GOOD LUCK!