VM Setup Homework
Due Date: Wed. January 27th 5:30pm CDT

CSE 3320 VM Account Information

The following are the account information and passwords for the developer and root accounts of your virtual machine.

Username: devuser
Password: cse3320
Root password: cse3320

The purpose of this assignment is to download the VM disk image we will use for kernel development assignments, install it in VirtualBox and then verify the image can run and access the internet. During the following steps you will be asked to take two screenshots. Submit the two resulting screenshots of the running VM as a JPEG or PNG file via Canvas. Each screenshot is worth 50 points so make sure to submit both.

Note for WSL2 Users:

If you are running WSL2 (Windows Subsystem for Linux) you may find VirtualBox and WSL2 don't play well together.

Go into Control Panel > All Control Panel Items > Programs and Features > Windows Features you will find a list where you can disable or enable some Windows features. Uncheck the features Hyper-V, Virtual Machine Platform, and Windows Subsystem for Linux too and restart your PC for the effect to take place. Once you've rebooted you will be able to use VirtualBox. When you are done using VirtualBox you can re-enable those setting and reboot to use WSL2 again.

Download and Installation

1. Download the CSE3320 VM image from:

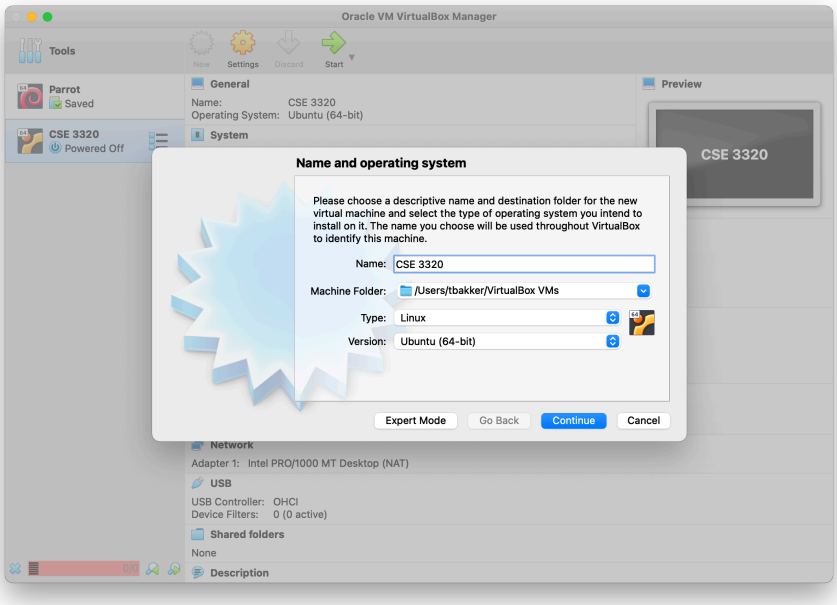
   https://mavsuta-my.sharepoint.com/:u:/g/personal/trevor_bakker_uta_edu/EbmU_vjurrpInMdovMRaoWMBQO1F93J8lXEwvZLYnwhGnw?e=HO3cTI

Or use the link from the announcements

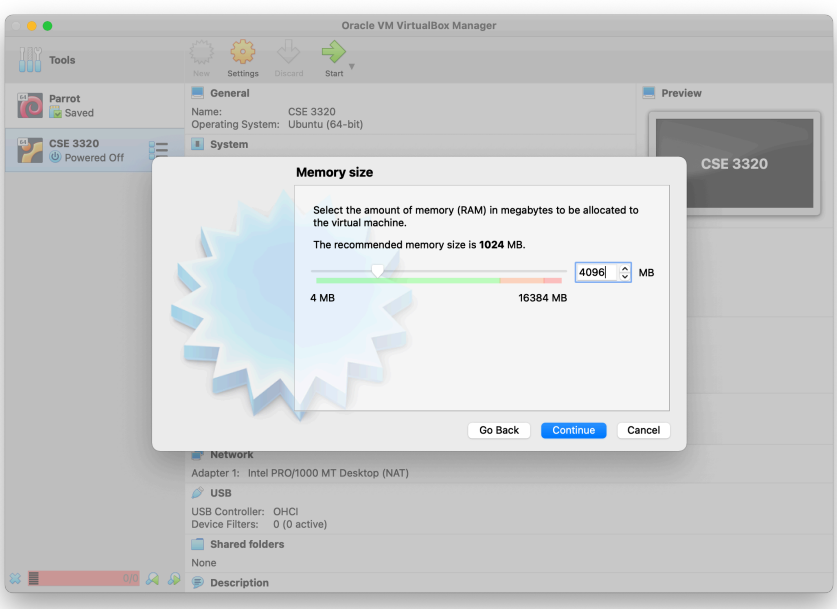
2. Download and install VirtualBox from https://www.virtualbox.org/wiki/Downloads

3. After installation, run VirtualBox and click on the New button

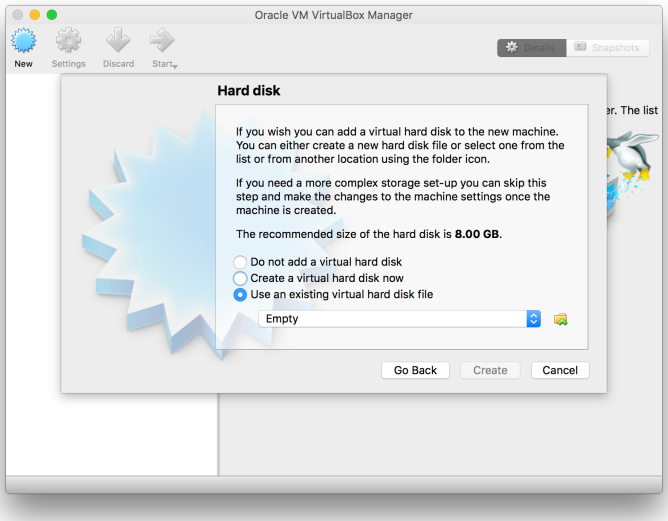
4. As shown in the following image, give the VM the name CSE 3320, for type select 'Linux' and for version select 'Ubuntu (64-bit)' and then select "Continue"



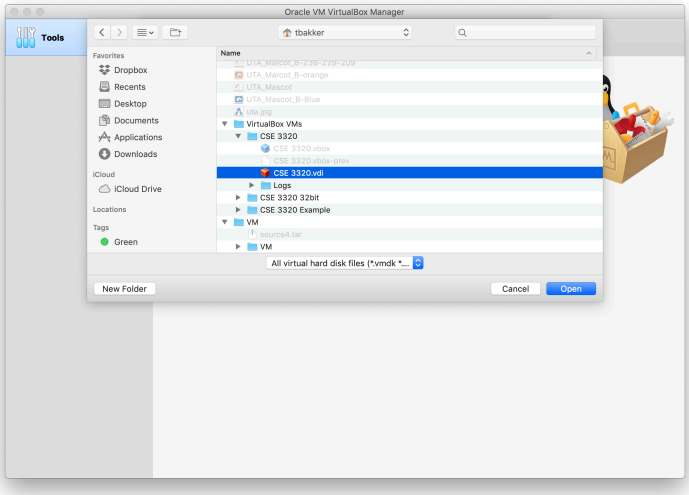
5. For memory size, enter 4096, and select "Continue"



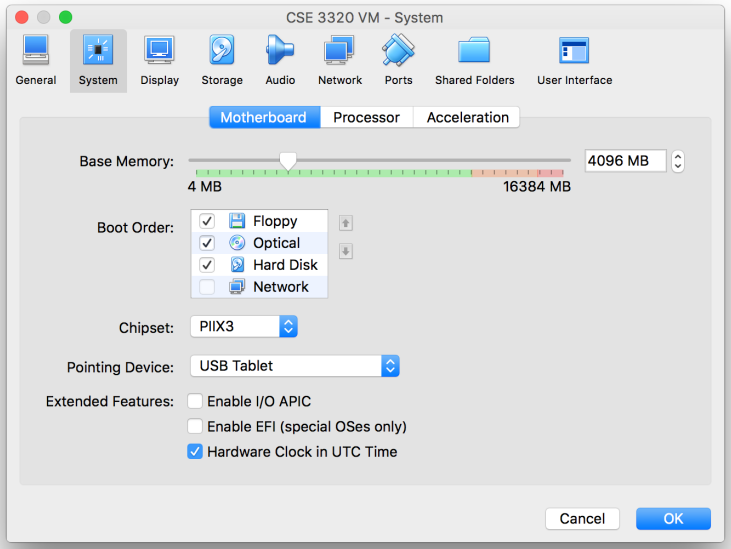
6. For hard disk select “Use and existing virtual hard disk file” and click on the browse icon.



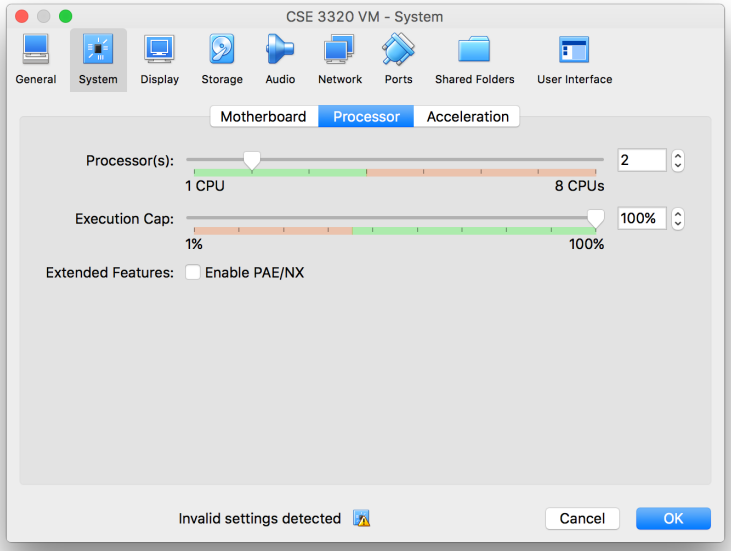
7. Click the folder icon then click Add and browse to the VM image you downloaded in step 1 and select “Open”. Then click “Choose”



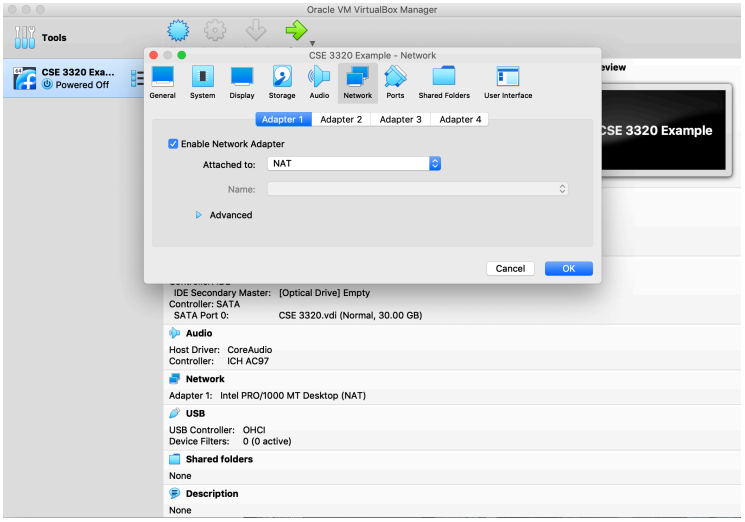
8. Click on the “Settings” button and then click on the “System” tab.



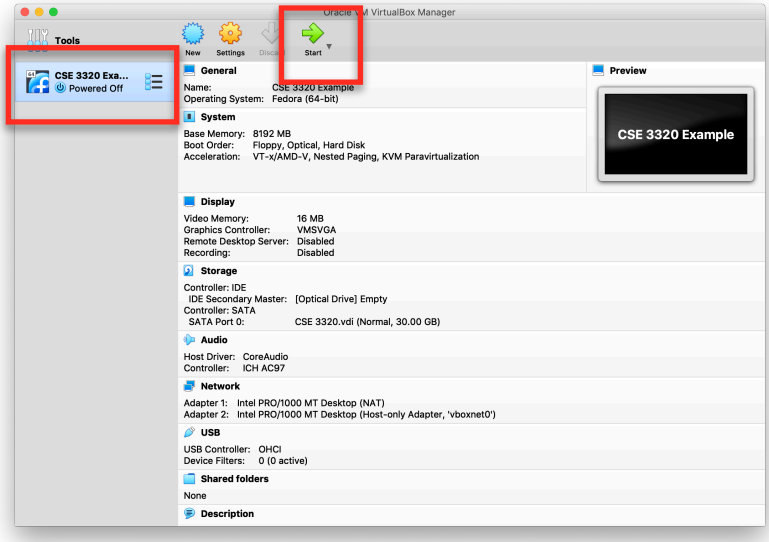
9. Click on the processor tab and select 2 CPUs then select “OK”



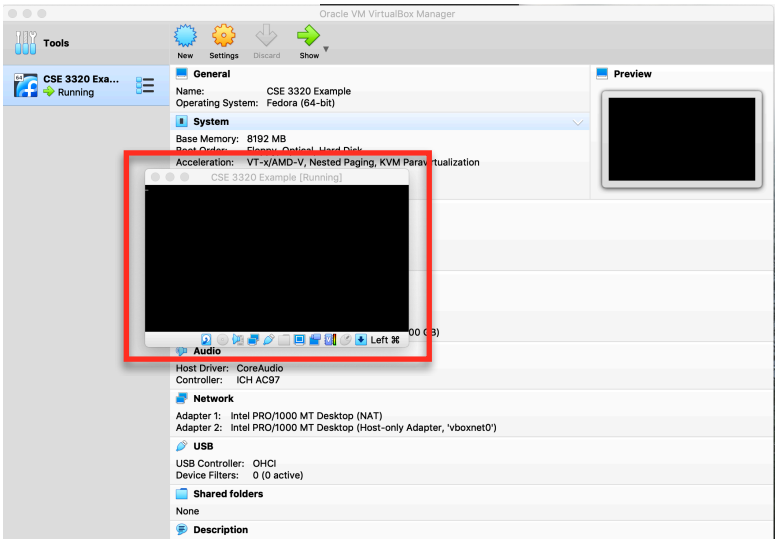
10. Click settings, select network and verify that Adapter 1 is set to NAT. Click OK.



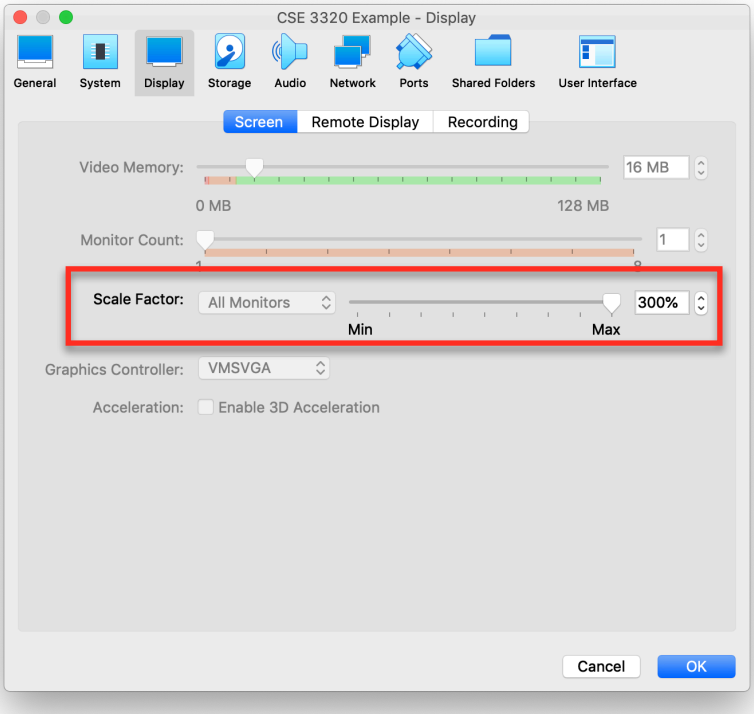
11. Click on your virtual machine in the left sidebar and click “Start”



12. Is your VM is tiny like shown below?



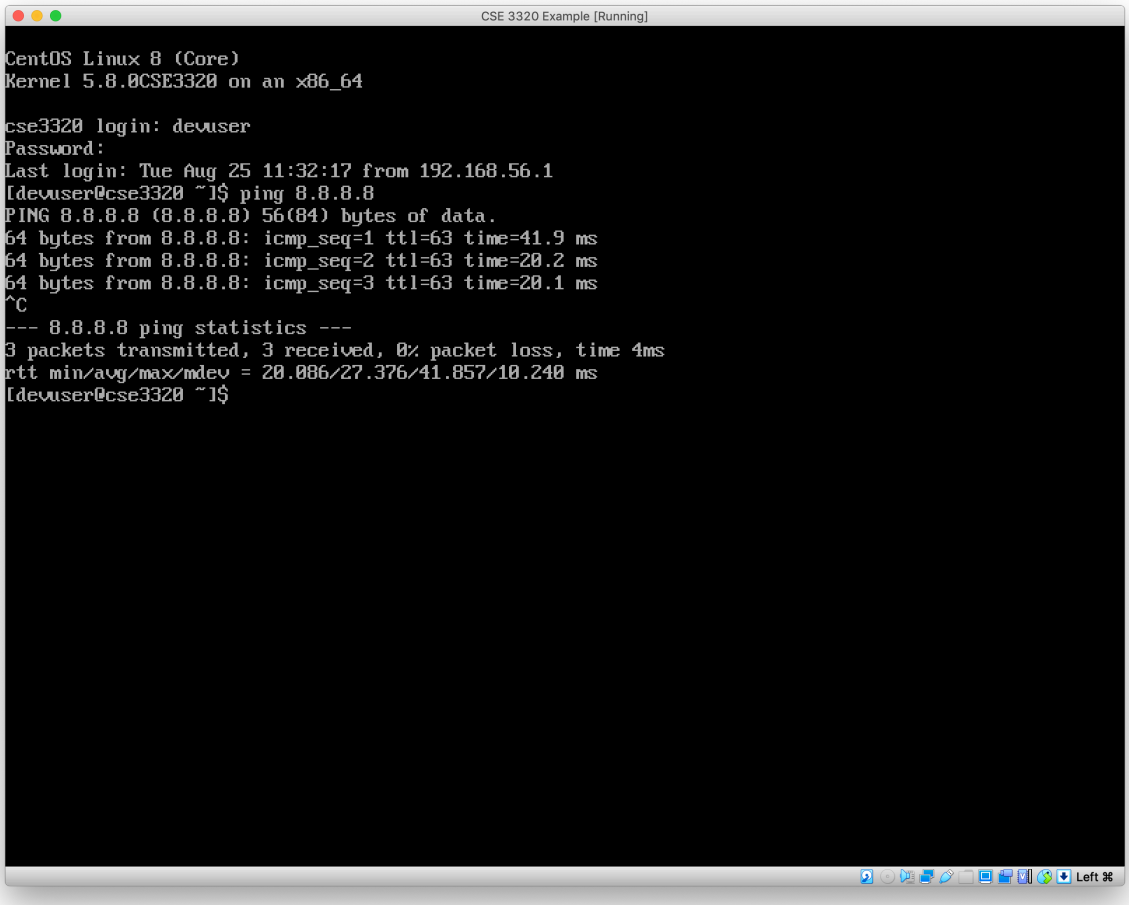
then click on “Settings” then click on “Display” and slide the scale factor to the right and click “Ok”



13. Login with the username devuser and the password cse3320 .

14. At the prompt type:

```
ping 8.8.8.8
```



Press `ctrl-C` to stop the ping command. You should see successful results like below.

15. Take a screenshot of this window

Congratulations! You are done with this assignment. Submit the screenshot to Canvas as your assignment submission.