

CS497 Linux

Assignment 1

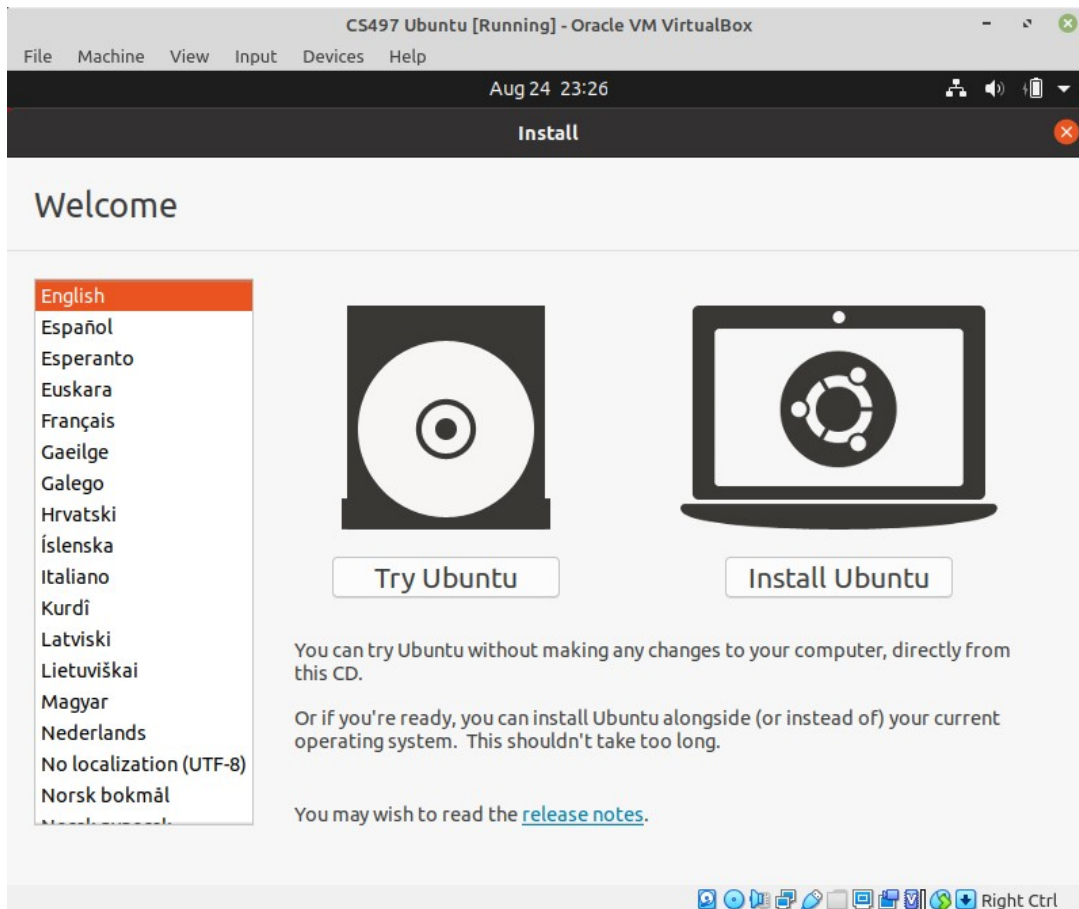
For this assignment, install Ubuntu to your VM, update Ubuntu, get the output of `uname`, and explain the results. Take screen shots and document **all** of your progress. Present your results in a single report document. See the provided report format as an example.

Provide clear screenshots of **your own** work. Provide an explanation for your screenshots and results. Do not provide any image or text from another source without citation.

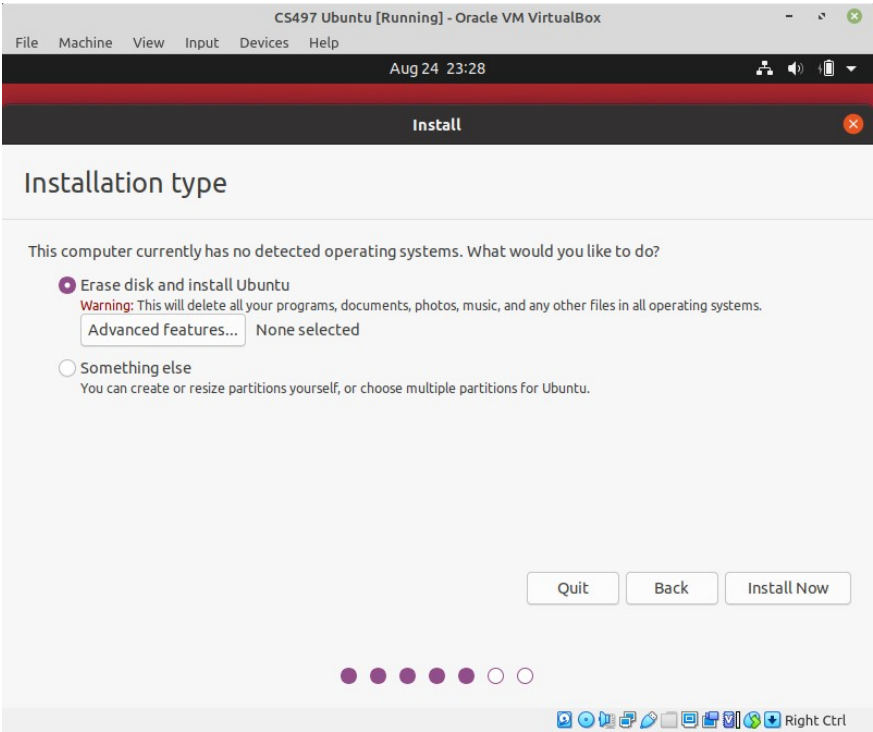
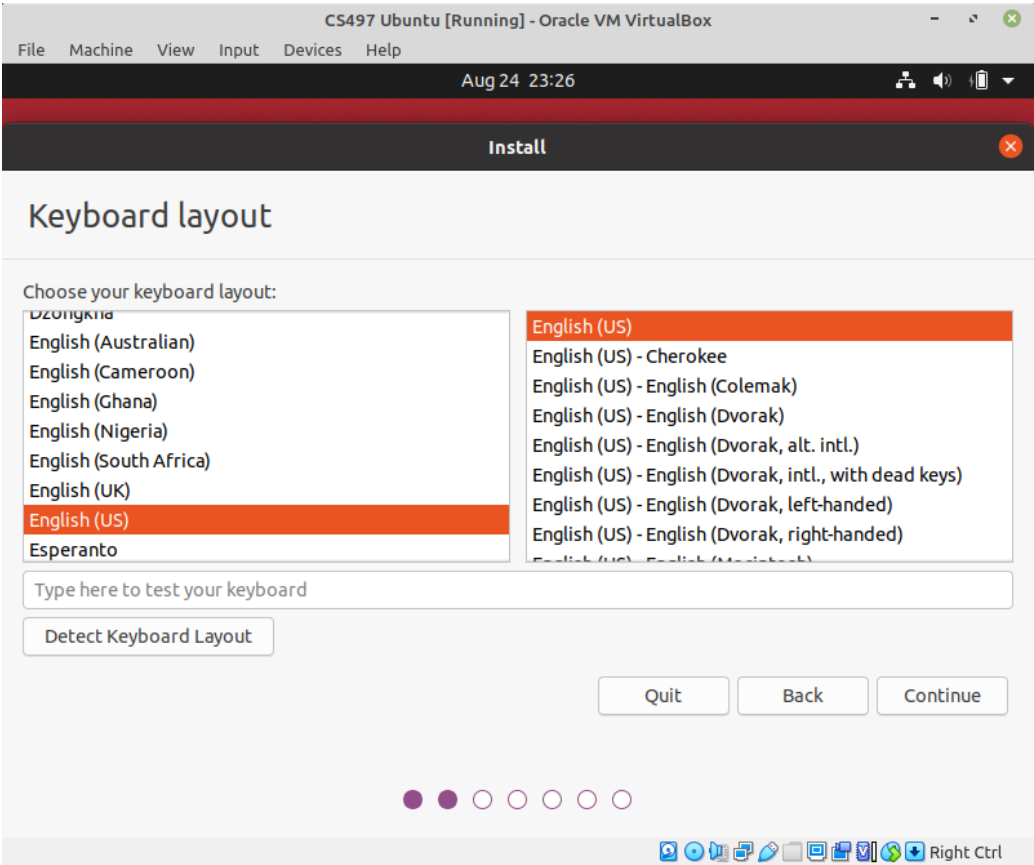
Installing Ubuntu

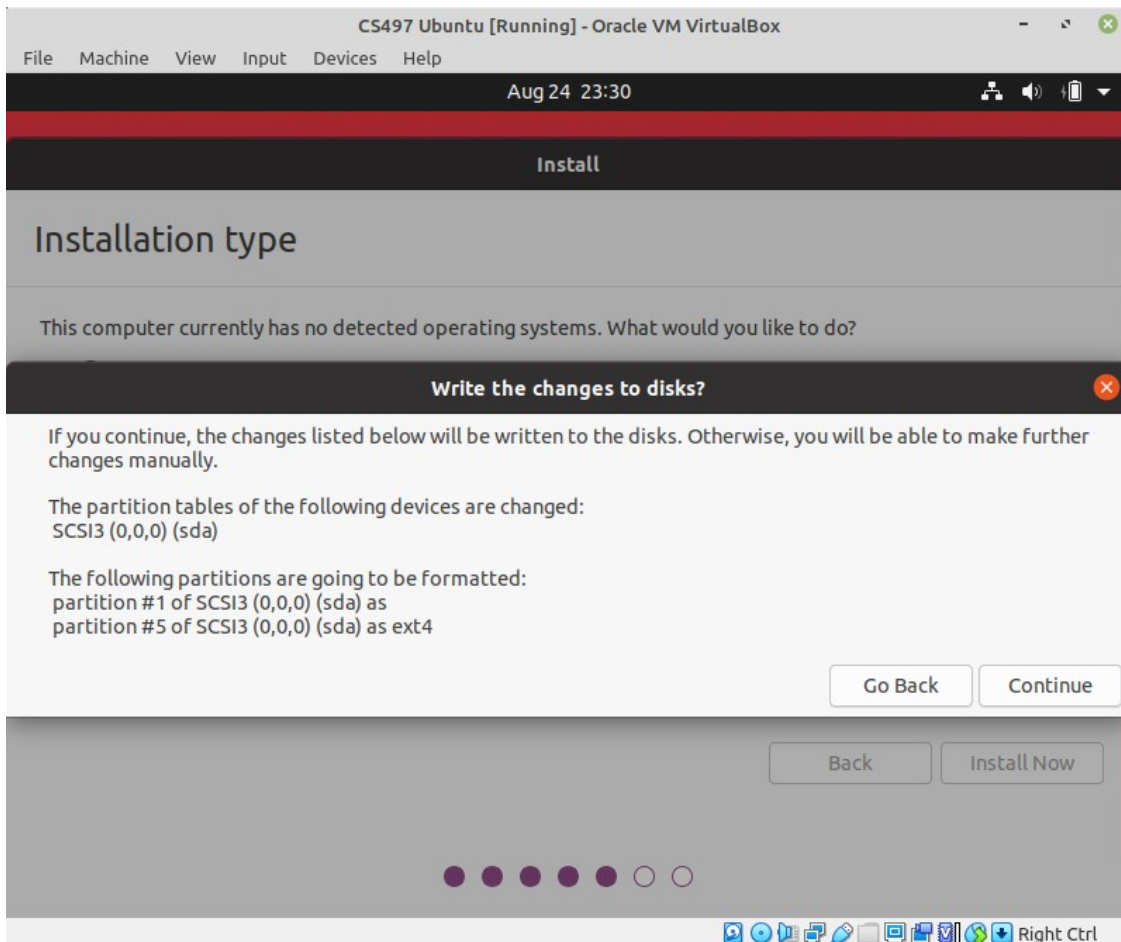
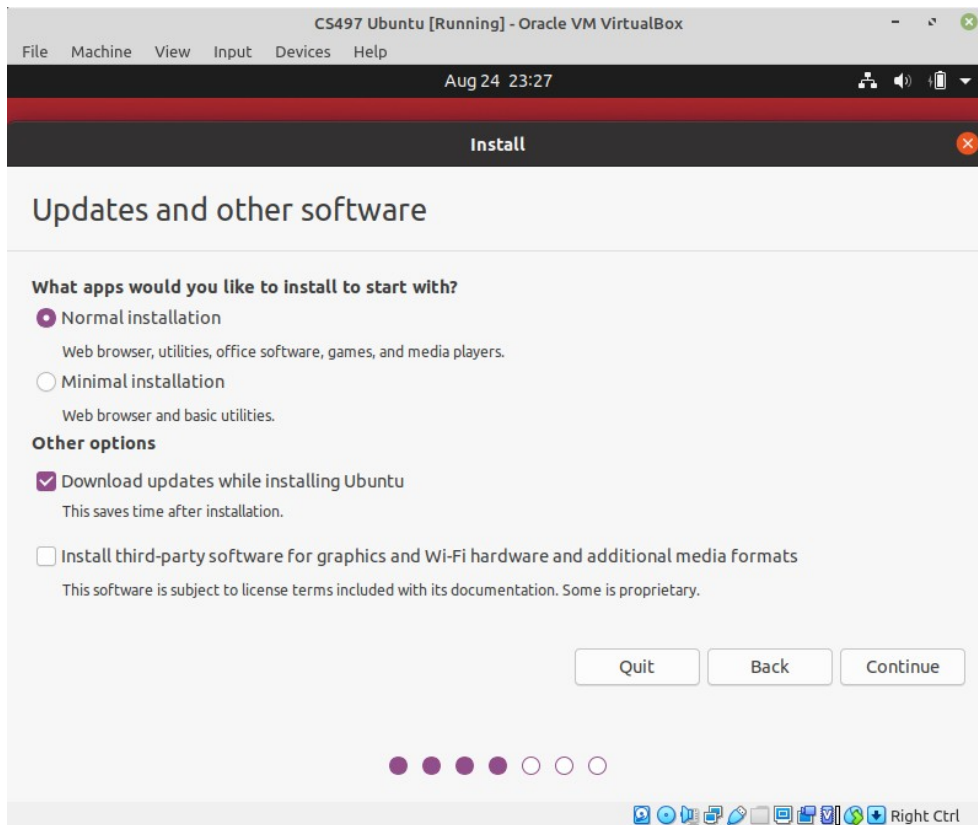
Before you get started, create a VirtualBox VM with a hard drive set to dynamically grow to up to 40GB. Next, 'insert' the Ubuntu ISO and boot from it. Do not use the 'unattended install' option.

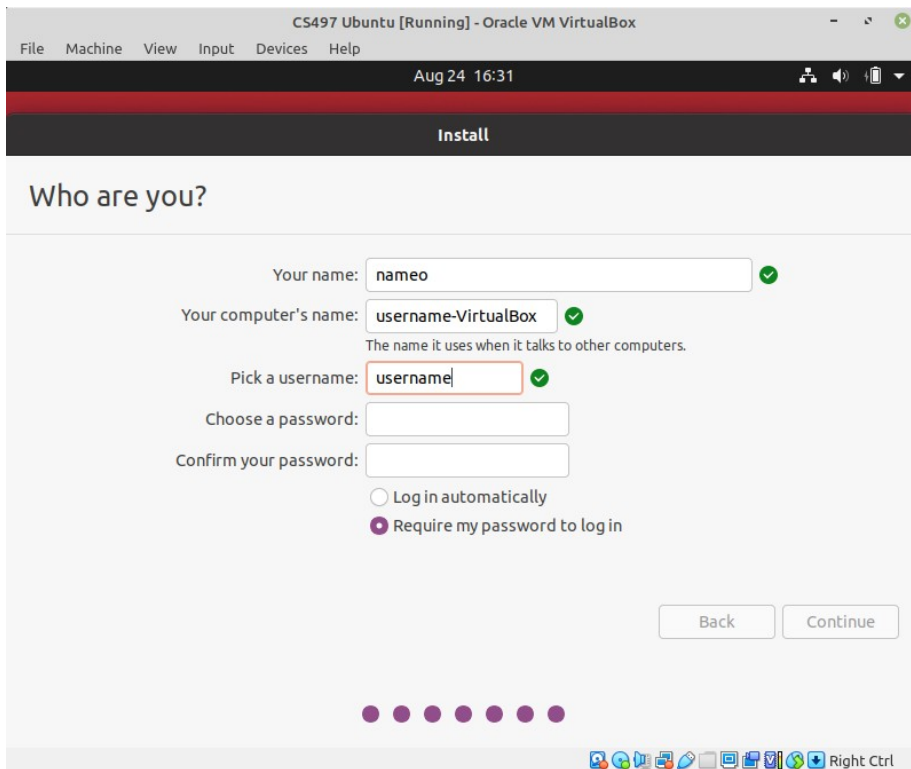
Start your VirtualBox virtual machine with the Ubuntu iso. Select the option to install Ubuntu.



Follow the prompts. Select Keyboard layout, what to install, and username/password.







When it is complete, reboot. Login. Update Ubuntu using the following command:

```
sudo apt-get update
```

When this is complete, reboot. Login. Run the following command and get the result:

```
uname -a
```

Next use the Linux Man page to get information about the uname command:

```
man uname
```

After completing the tasks of installing and updating Ubuntu, use the built in man pages to understand the uname command.

Describe the uname command and output. Specifically, decipher the results from your VM running 'uname -a'. Be very specific. Use only the man pages to support your work.

Conclusion

For the conclusion section of your report, clearly describe and explain the difference between booting from the live file system iso versus installing on the virtual hard drive. How are these techniques different and why does it matter? What is a good application for each?

Deliverables

Use the provided sample report format. Submit your completed report with screenshots by the deadline.