

NETWORKING & SYSTEM ADMINISTRATION LAB

Experiment No.: 1

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Roll No: 53

Batch: B

Date: 21-03-2022

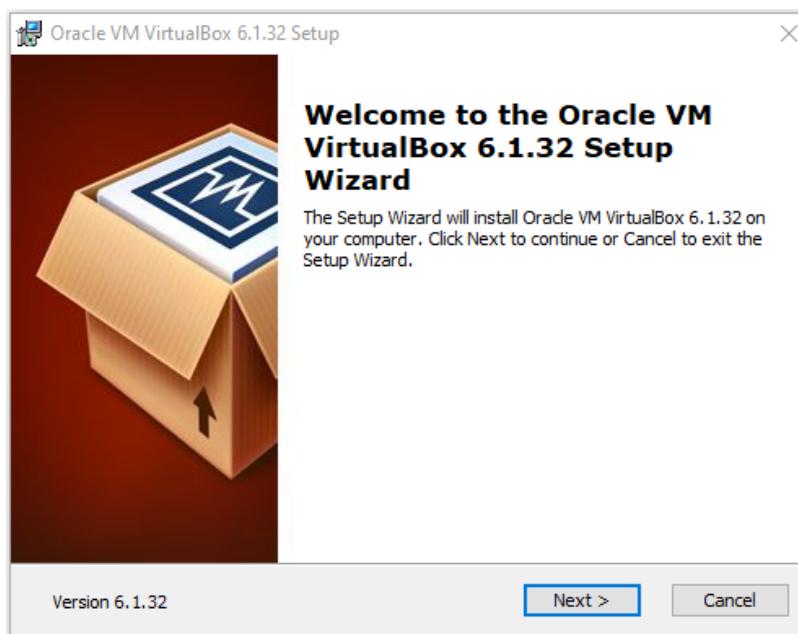
Aim

Install the latest version of Ubuntu on an Oracle VM Virtual Box.

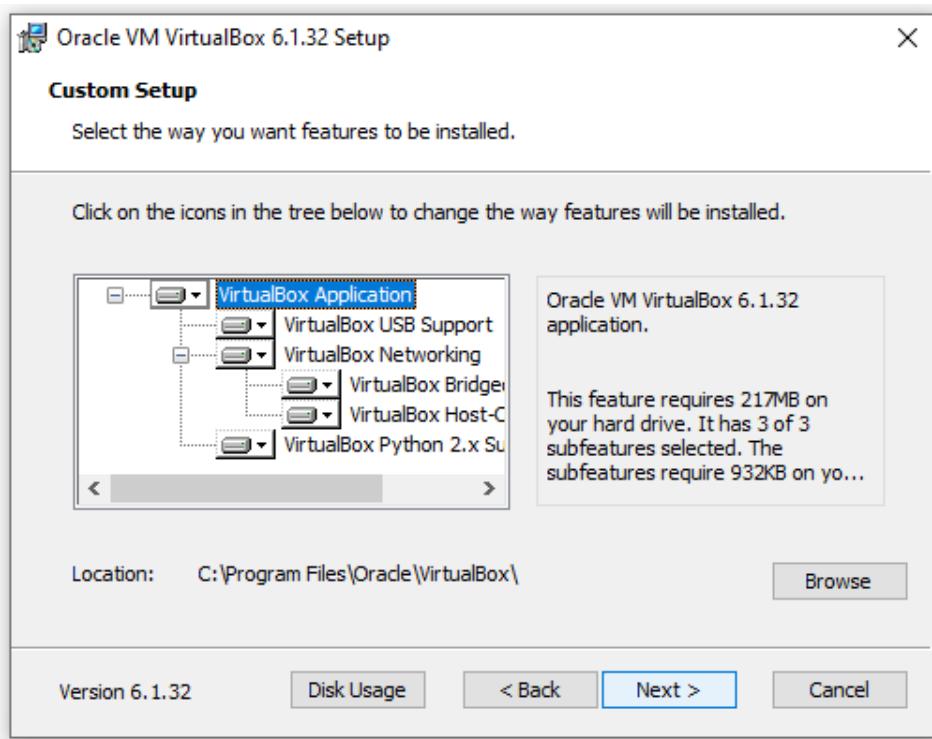
Procedure

1. Installing Virtual Box.

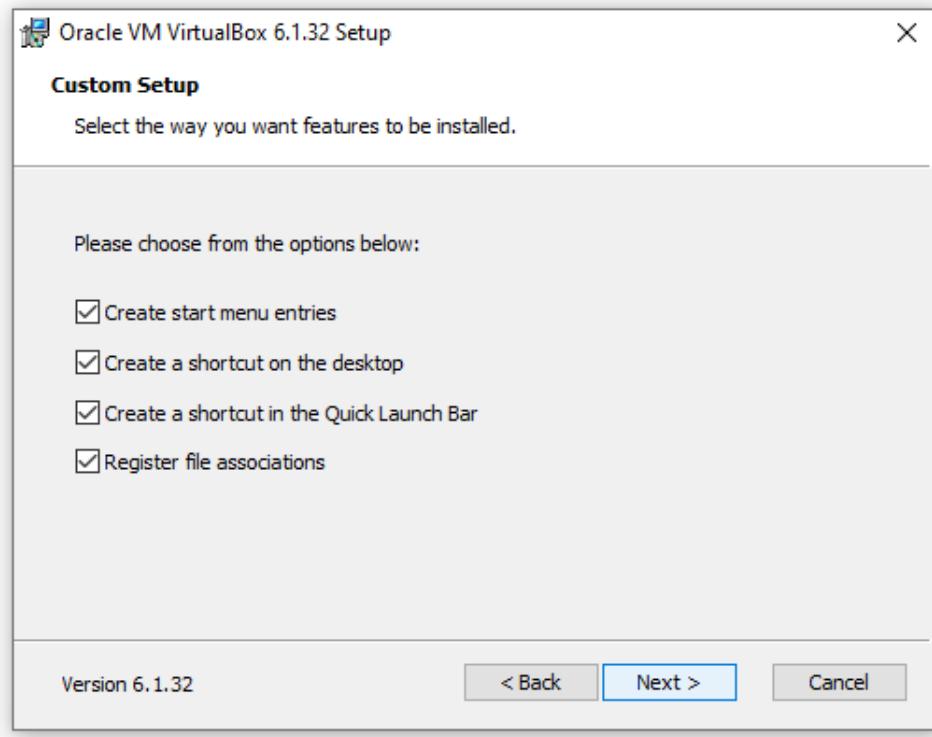
a. Starting pop-up window for the installation.



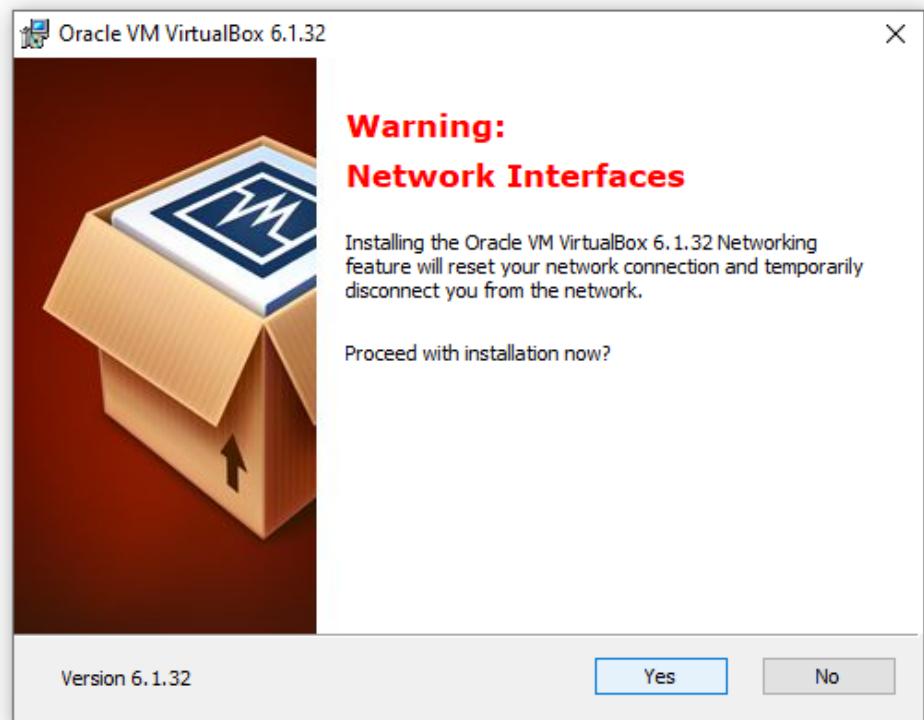
- b. Custom setup window to select the features you want and select installation location.



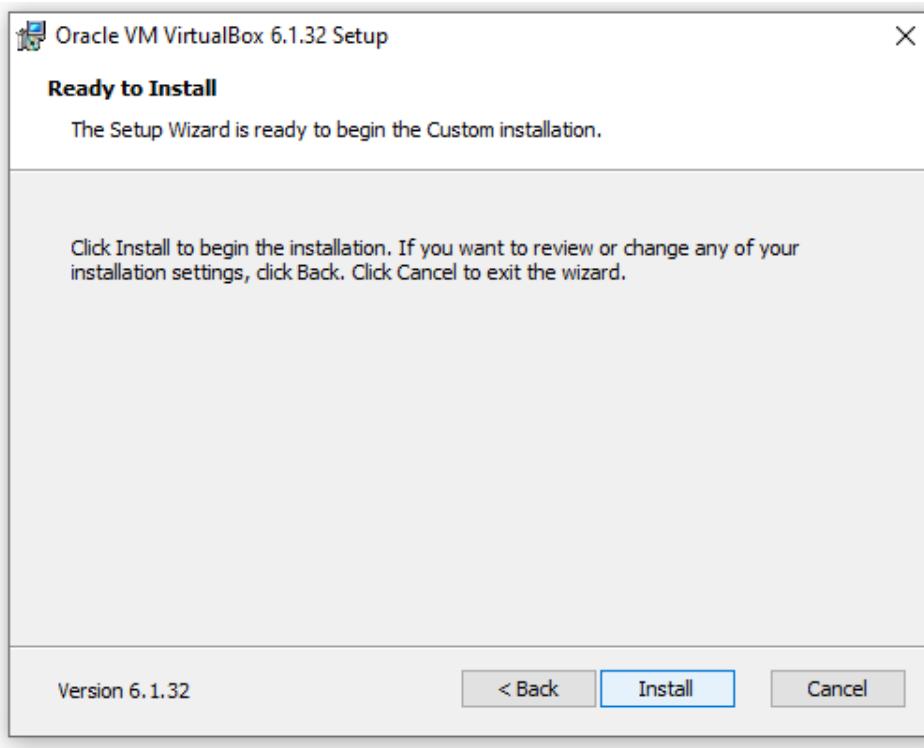
- c. Custom setup window to choose from the option below.



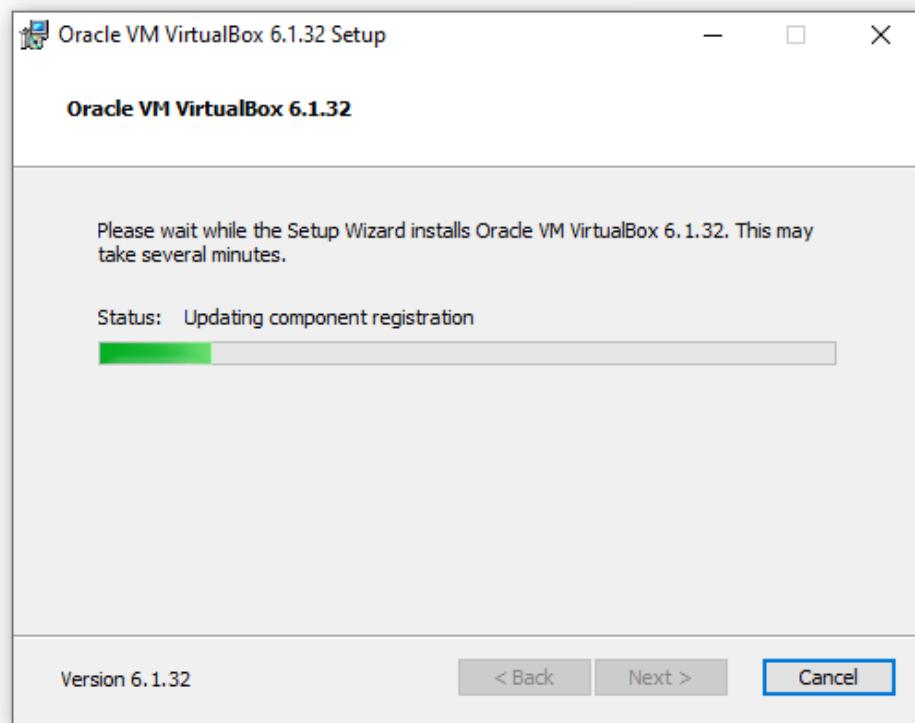
- d. Custom setup window to confirm the installation.



- e. Custom setup window to install the virtual box with the install button.



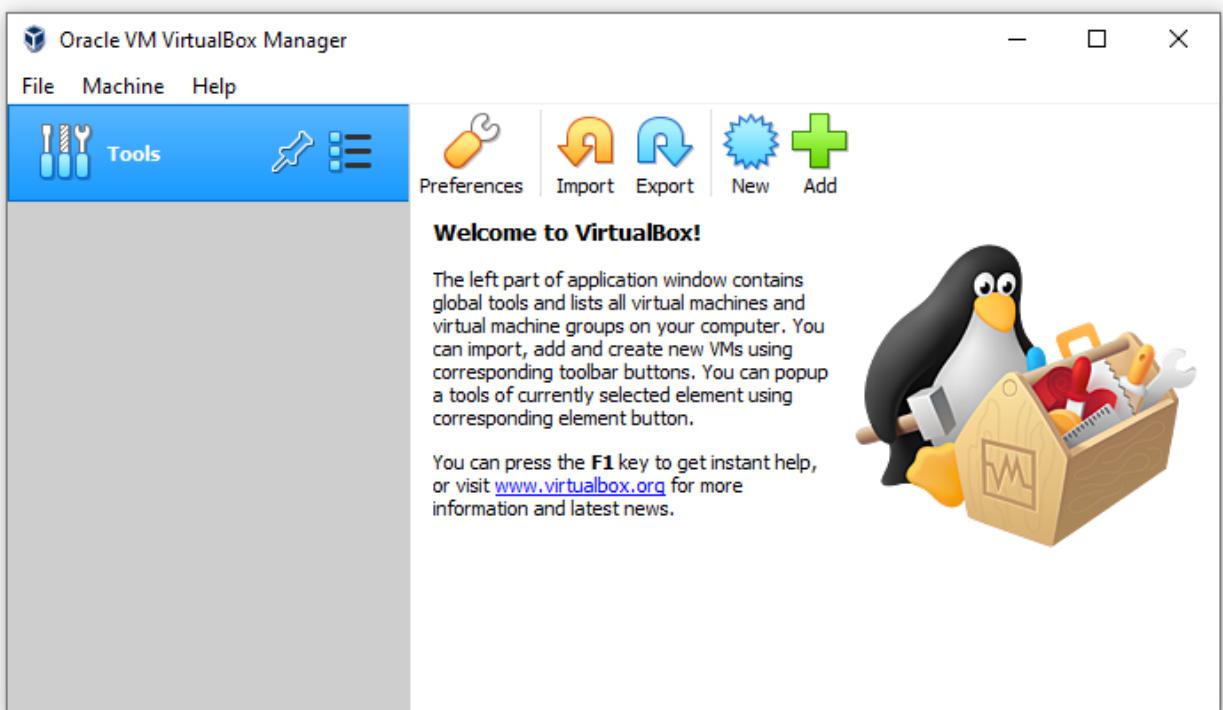
f. Installation box showing the installation status.



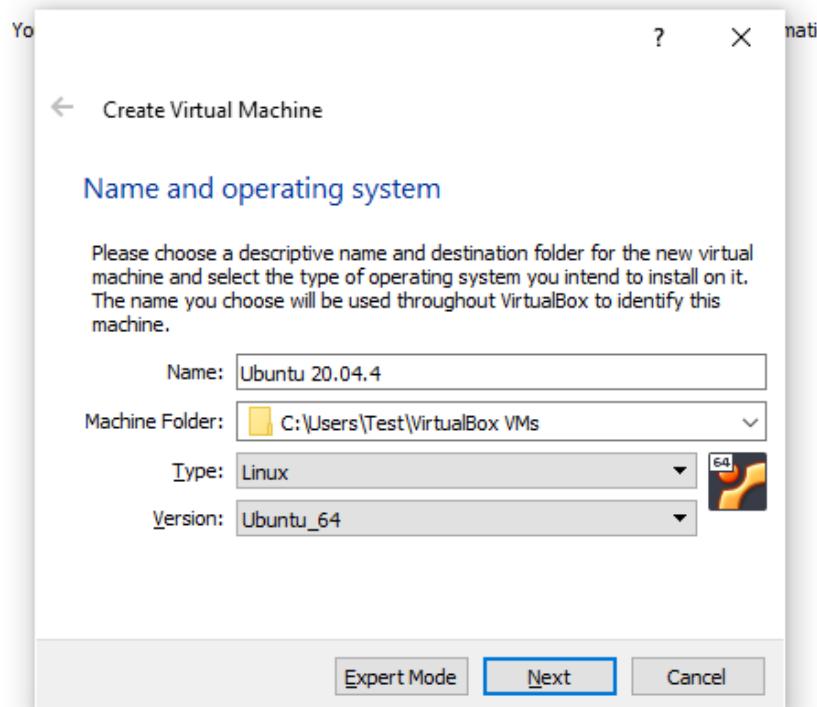
g. Installation complete pop-up windows with the finish button.



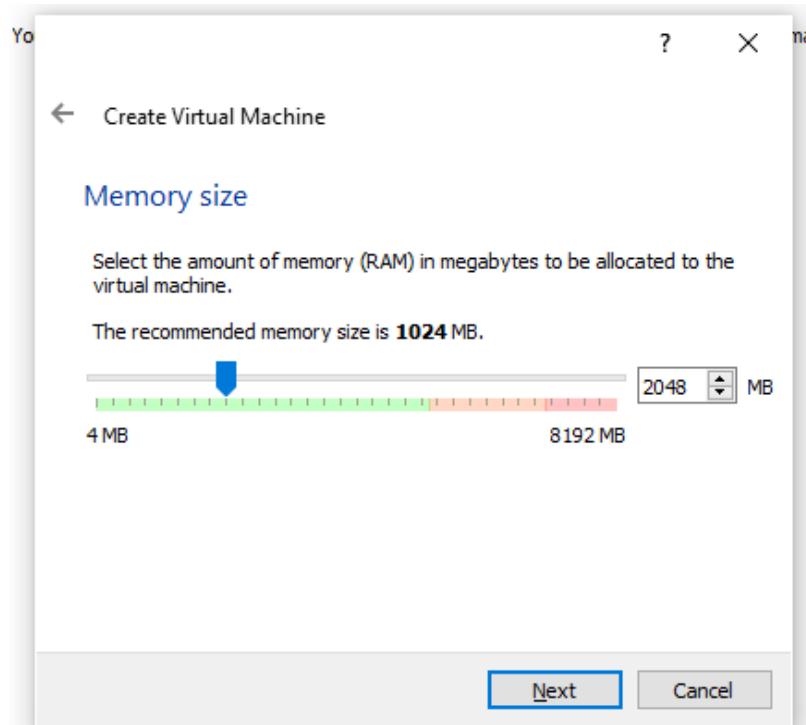
2. Setup the Ubuntu Instance in the VM Virtual Box.



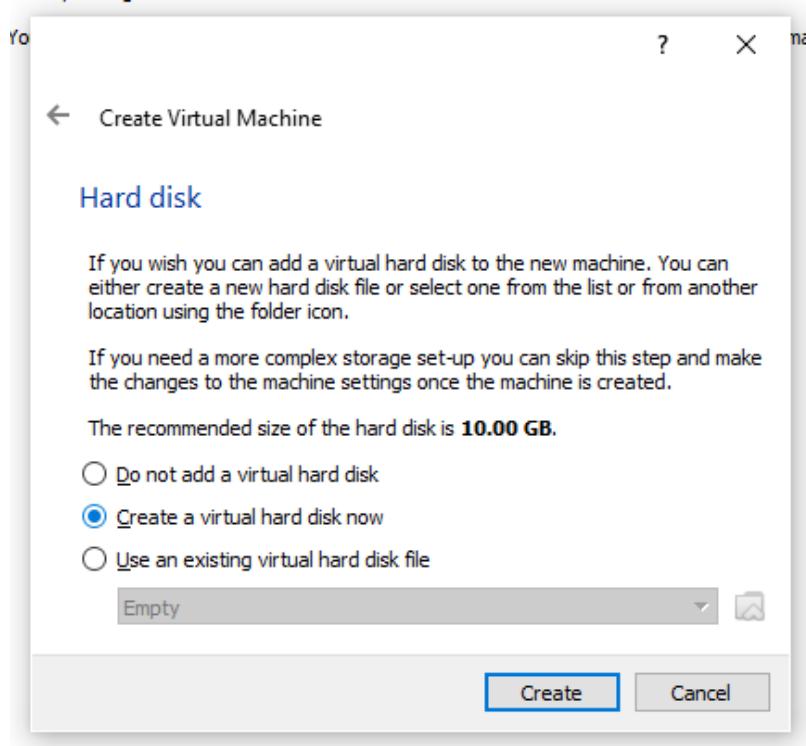
- a. After selecting the NEW button to create the Ubuntu instance, the pop-up window to enter & select the name, type and version of the OS.



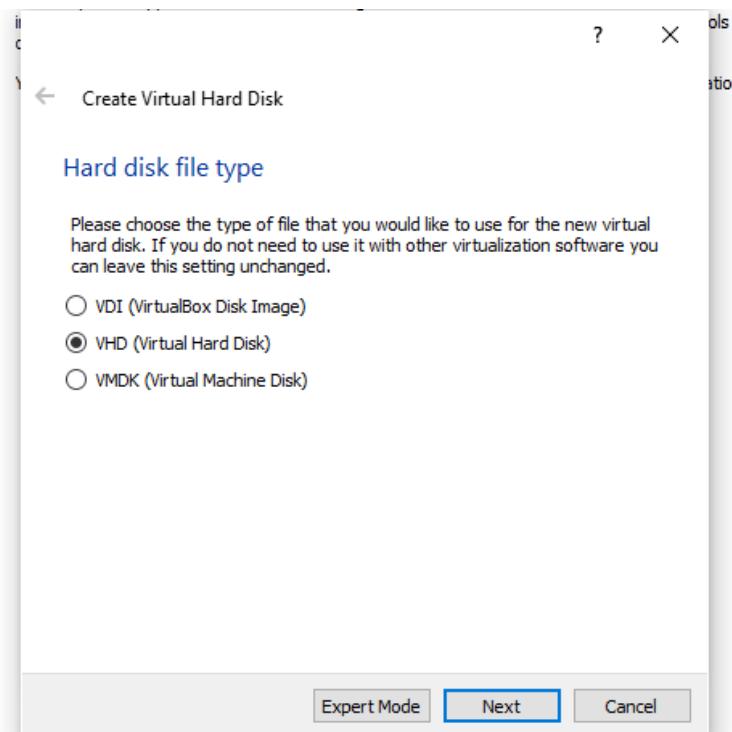
- b. Choose the main memory size for the OS.



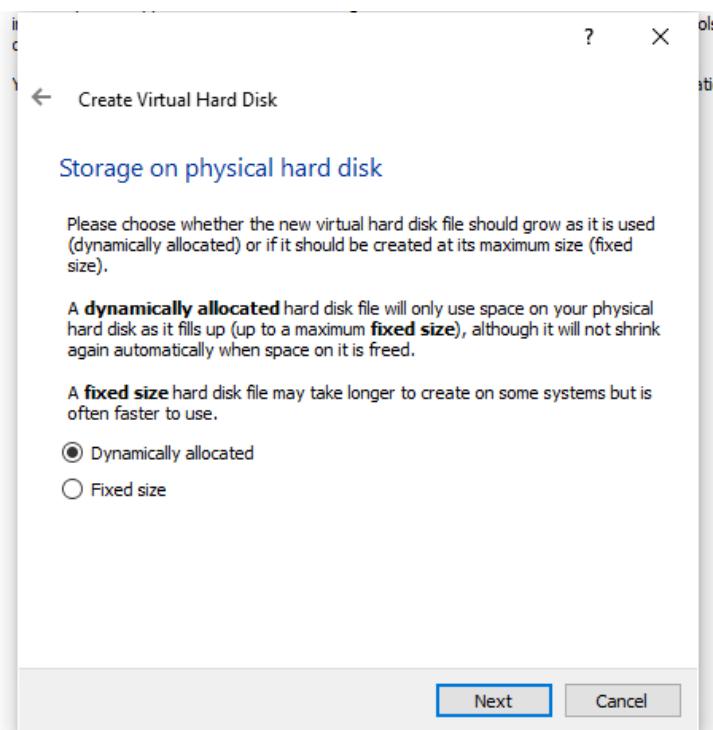
- c. Option to add a virtual hard disk to the new machine instance.



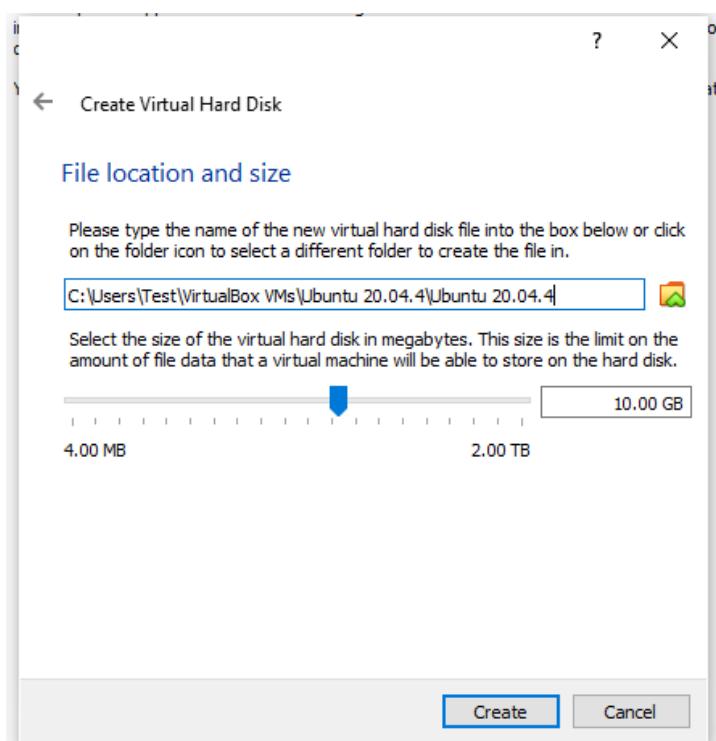
- d. Option to choose the type of new virtual hard disk for new instance of OS.



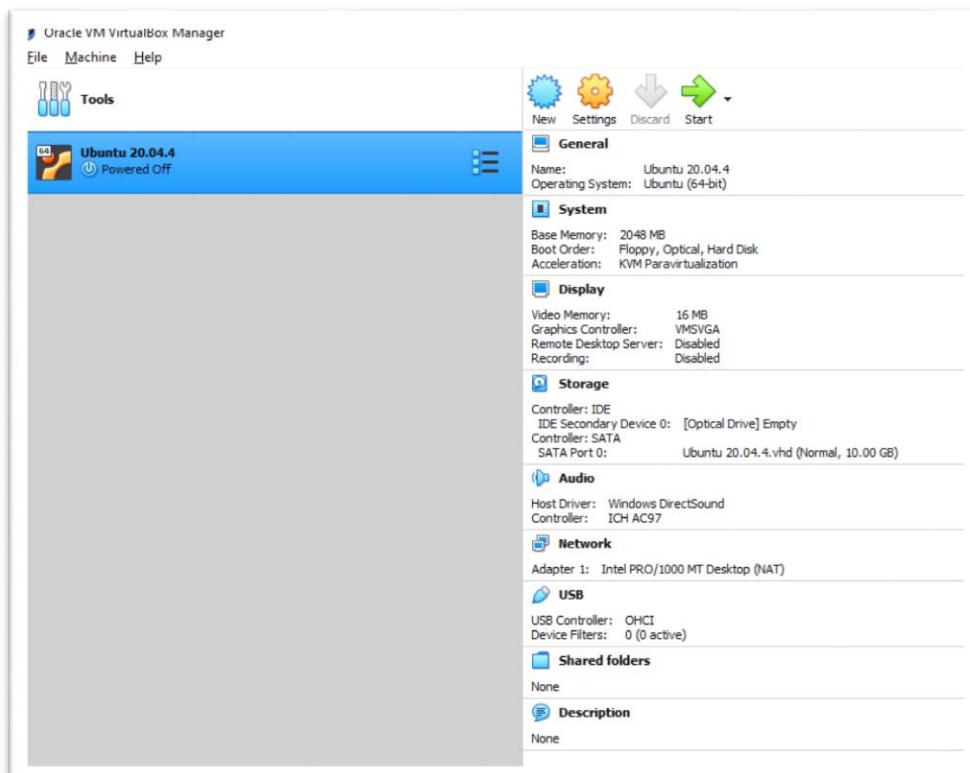
- e. Options to choose the methods of accessing the physical hard disk space for the new instance from the existing hard disk.



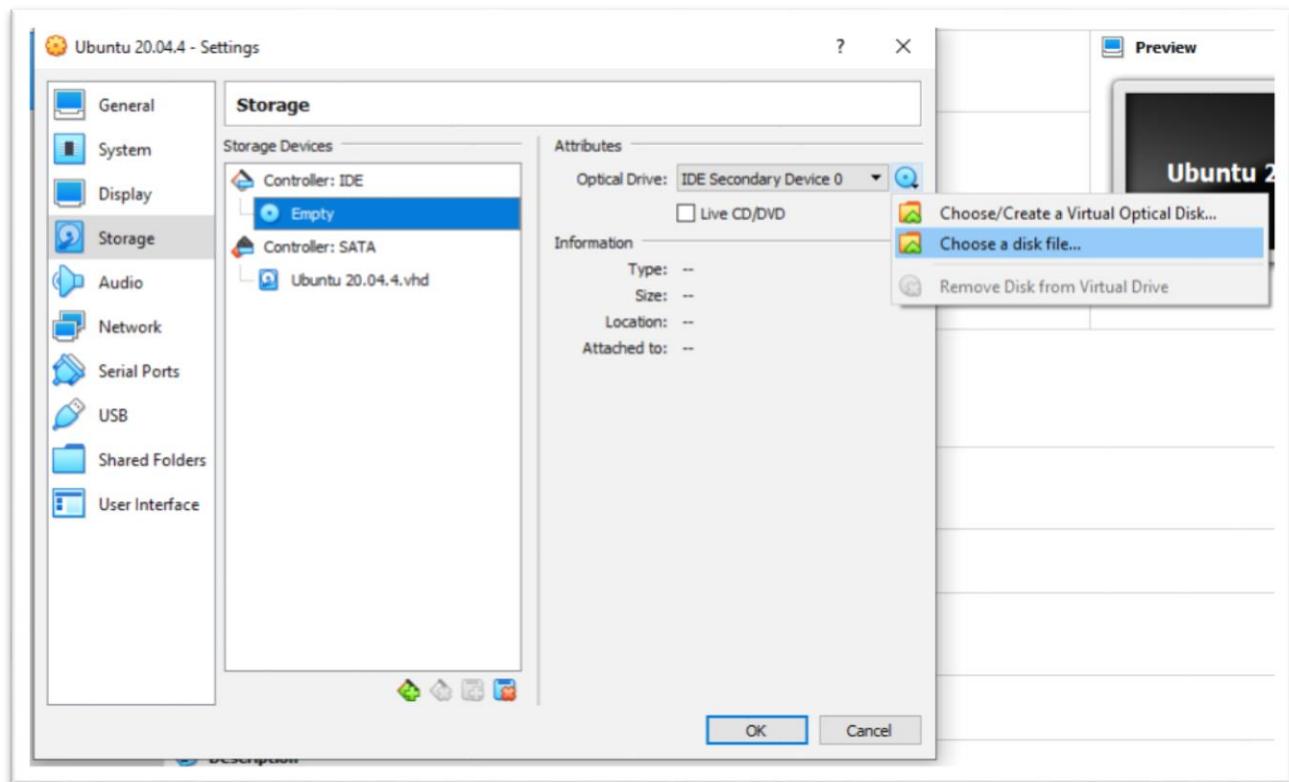
- f. Panel to select the size of the virtual disk in megabytes and location and name of the instance and final submit to create the instance of OS.



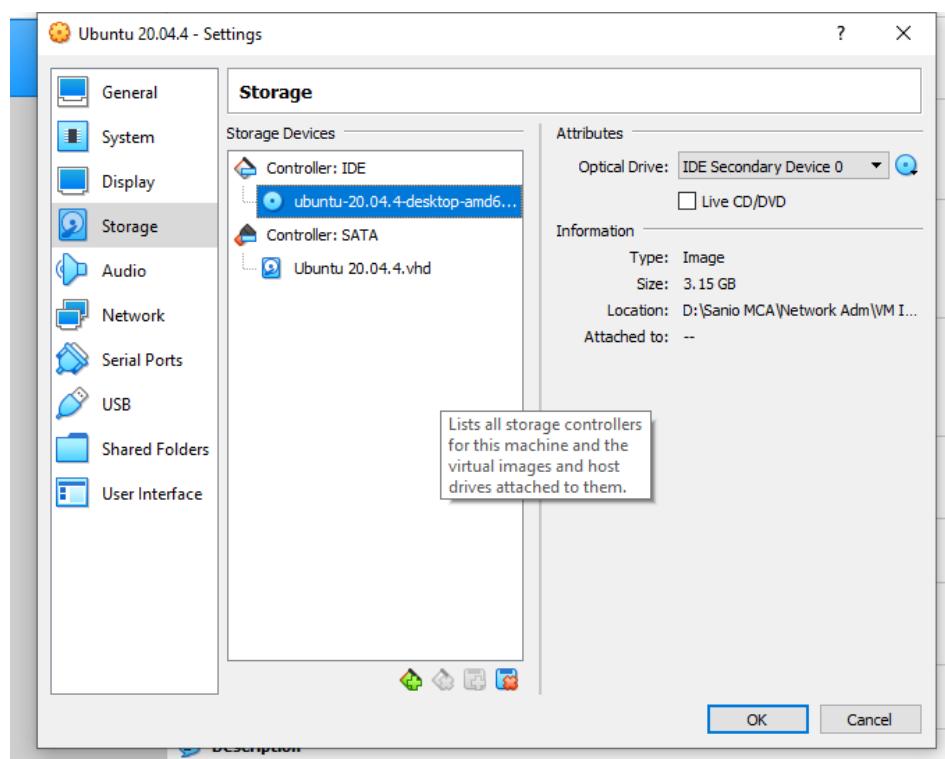
- g. The newly created OS instance and at the left side of the application.



- h. Settings the configurations of the instance created and adding the ISO image file of the OS correspondingly.

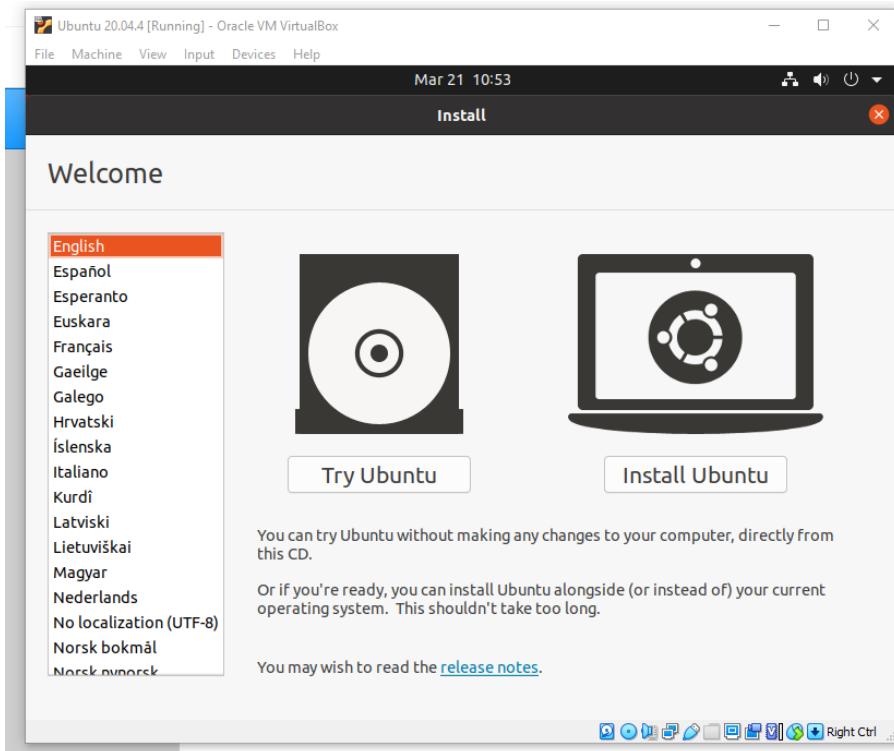


- i. Selecting the ISO image file from the local device.

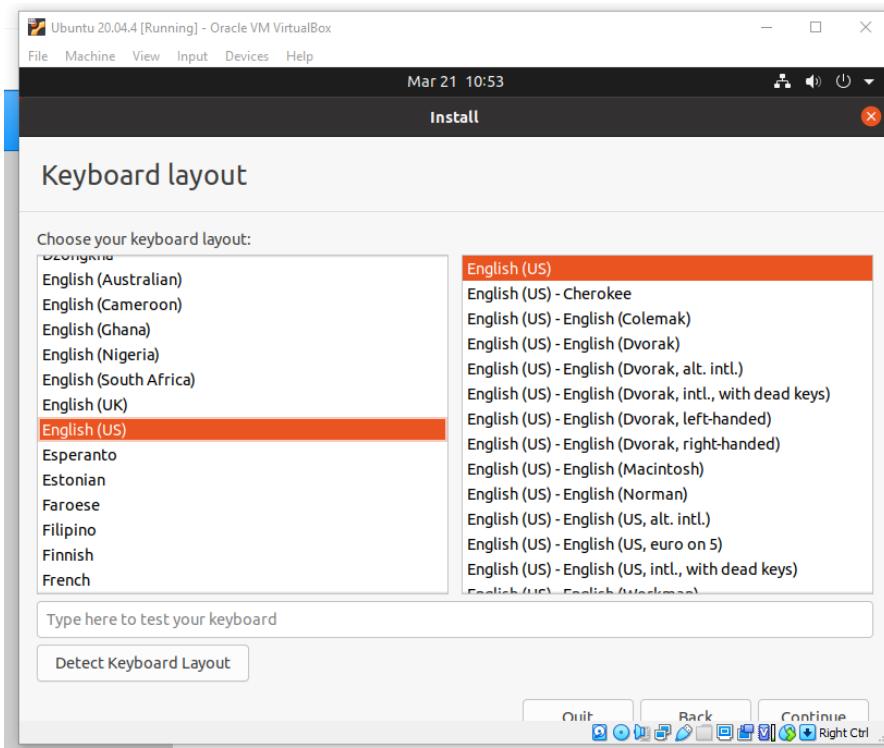


3. Installation of the Ubuntu OS within the newly created instance.

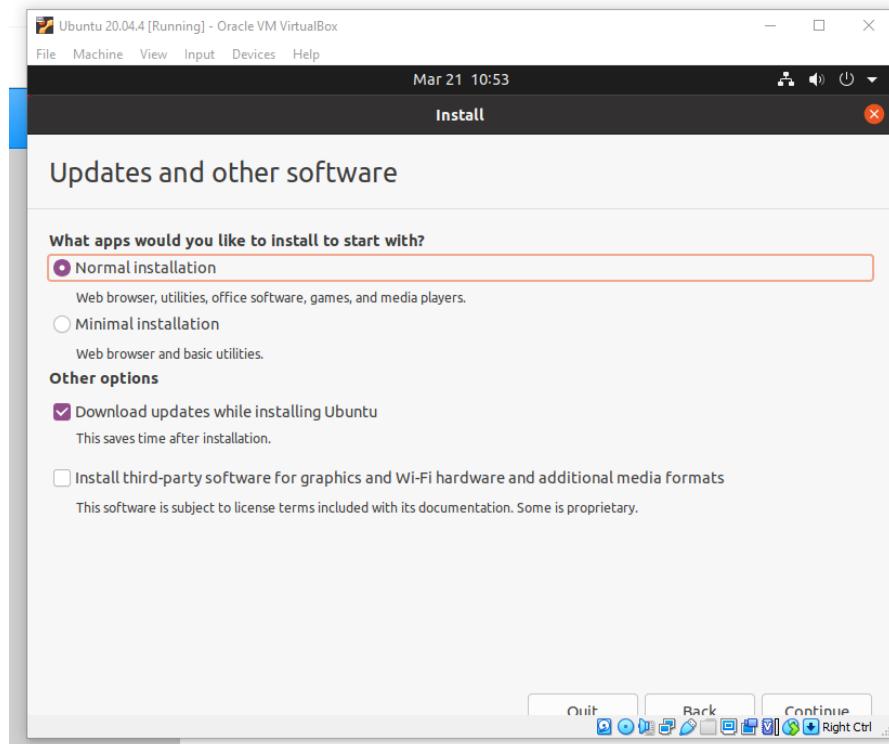
- a. Running the new OS instance and selecting the “Install Ubuntu” to install the loaded ISO file.**



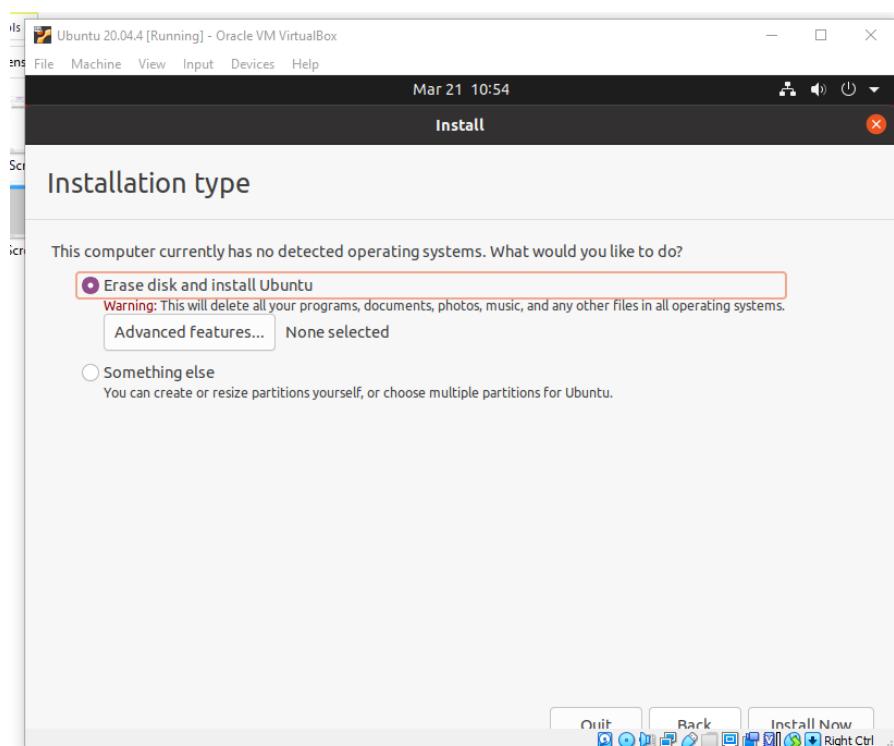
- b. Selecting the language for install the ubuntu OS.**



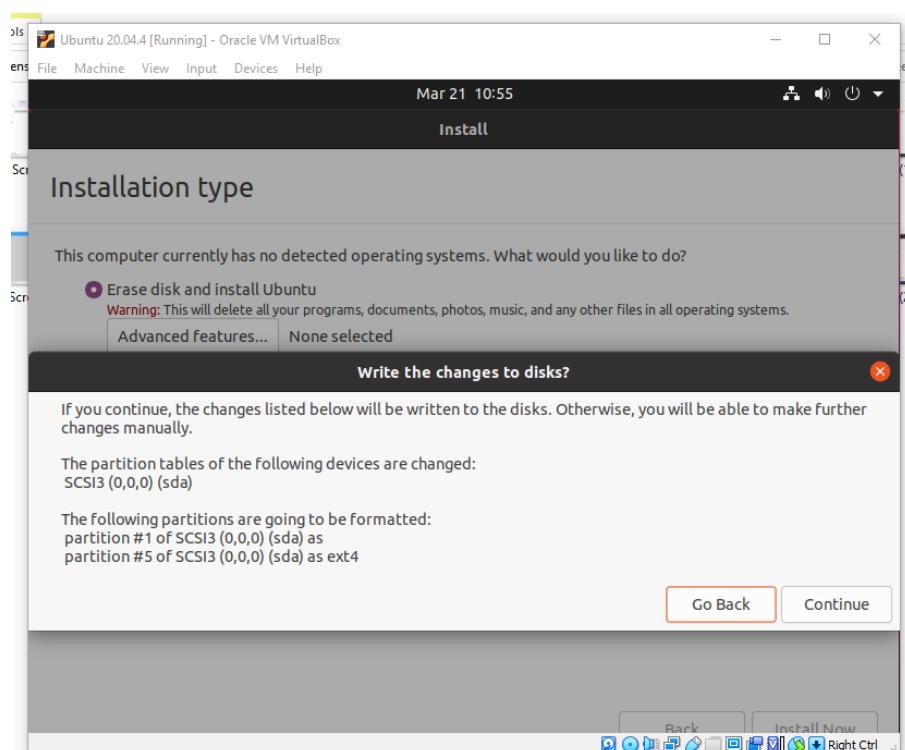
c. Selection of other installation along & within with the installation of ubuntu.



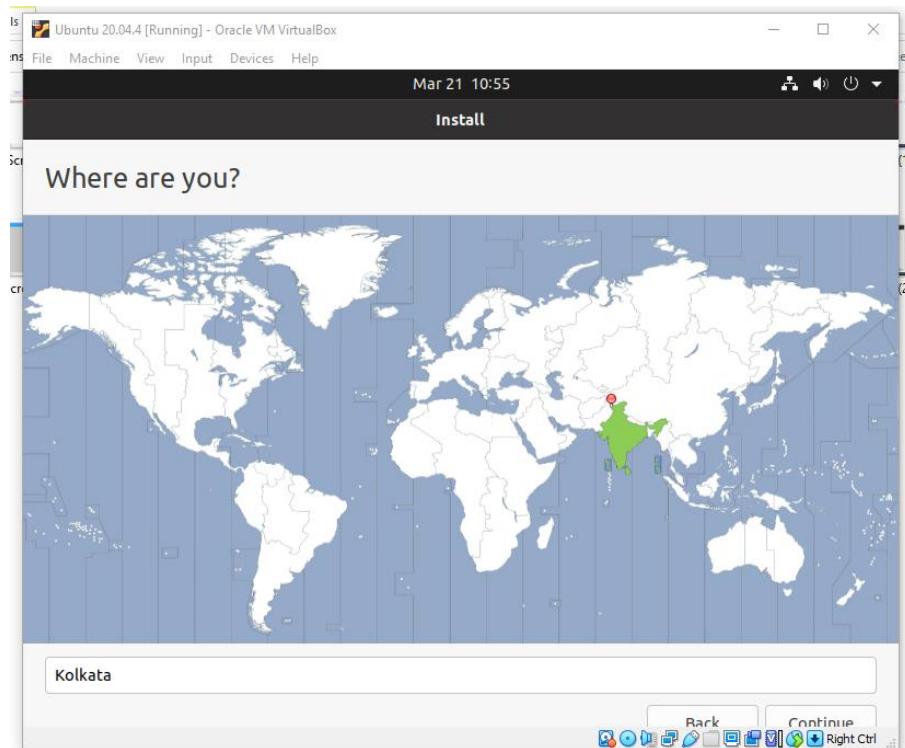
d. Selecting the disk partitioning allocation options from the given below.



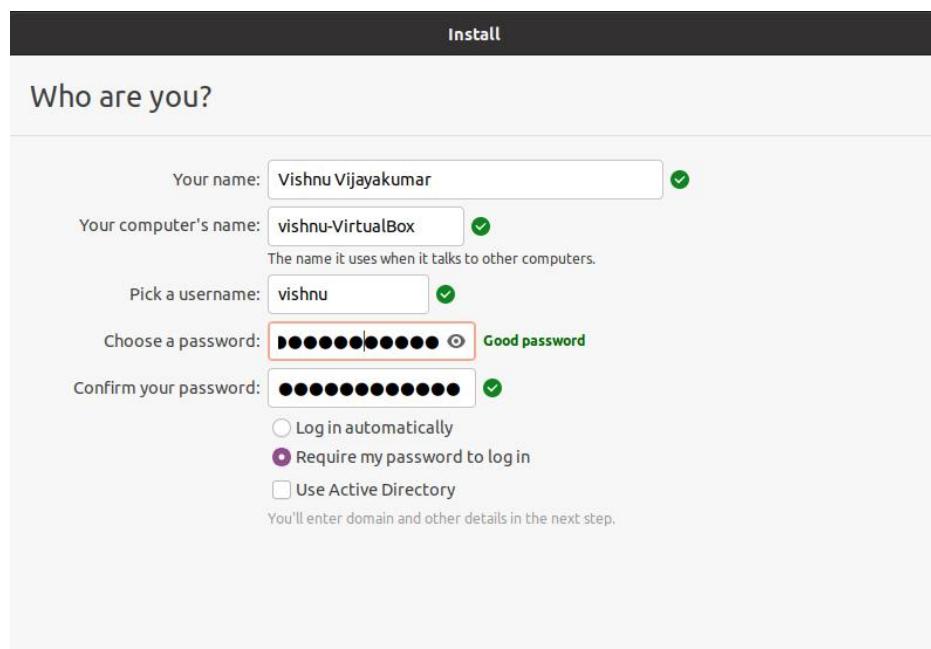
- e. Warning message box about the formatting and partitioning of the allotted hard disk.



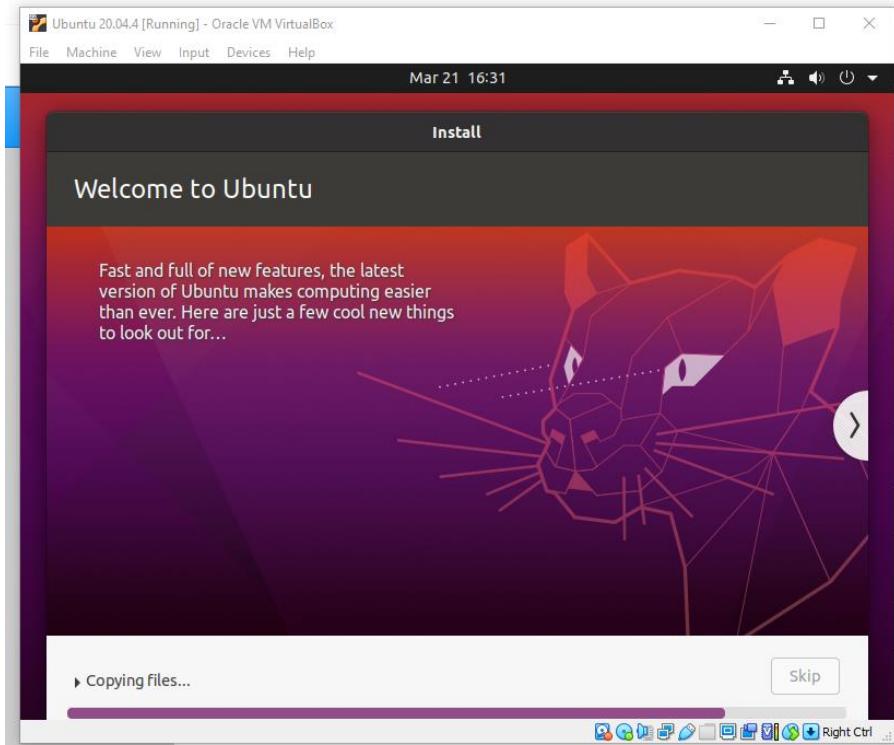
- f. Selecting the geographical location for the time/location.



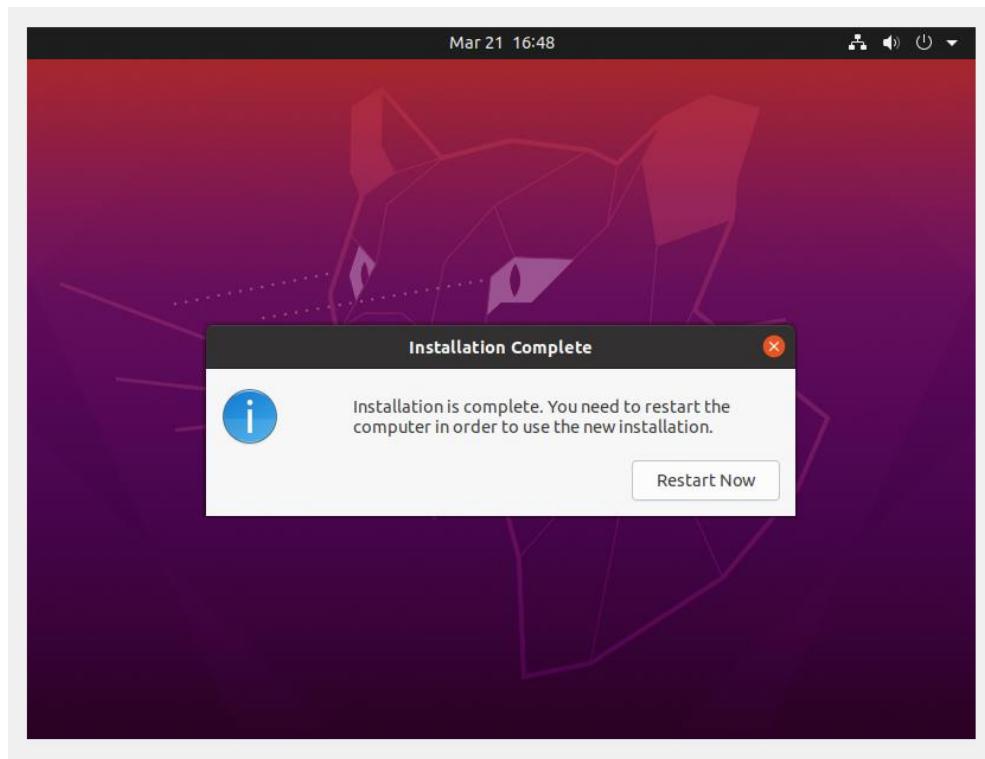
- g. Entering the name, username & password for the account to sign in to the ubuntu OS after installation.



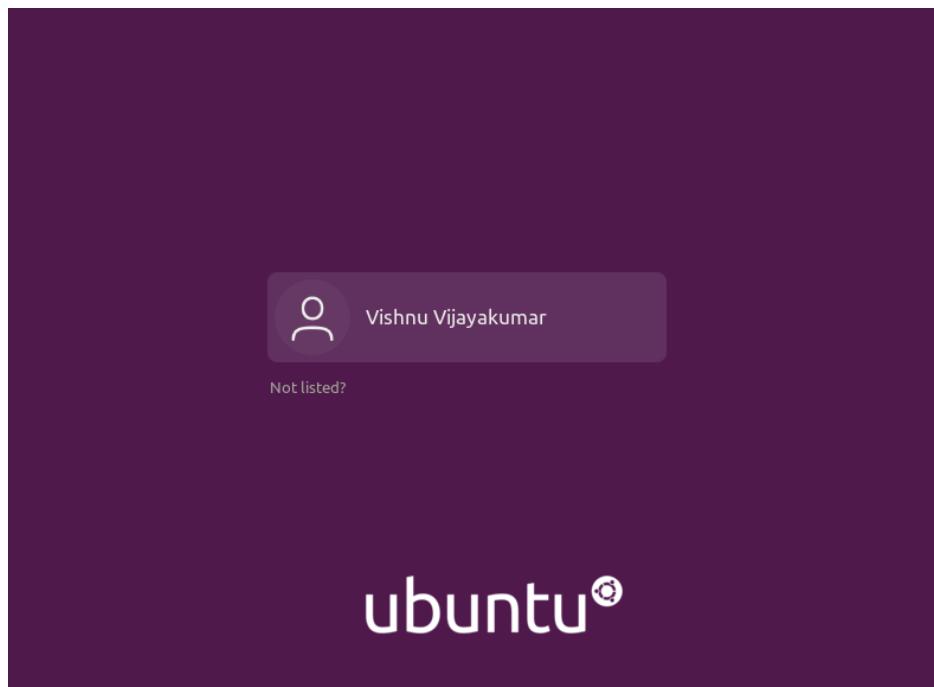
- h. Installing the ubuntu OS in the instance, extracting the ubuntu ISO file, setting configurations, setting the various software within, etc.



- i. Restarting the OS instance to finalize the installation.



- j. Signing in and visiting the home screen of the ubuntu OS using the previously registered username & password.



Output Screenshot

