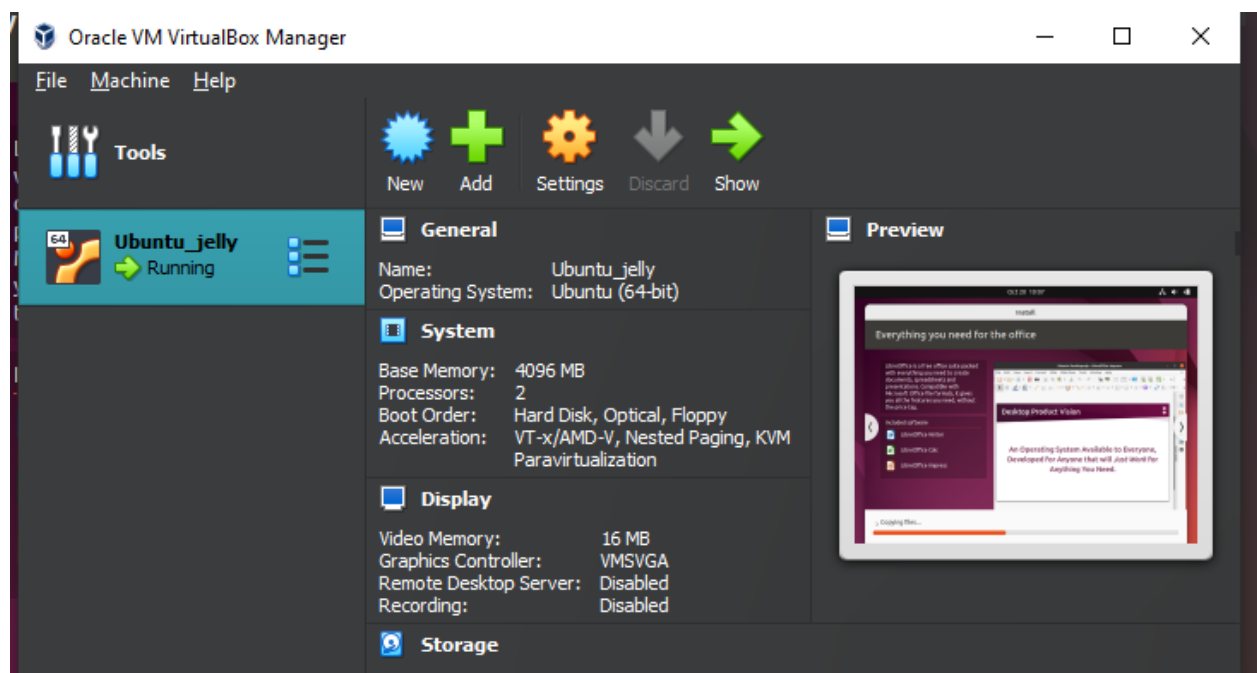# Cloud Computing

Q) 1. 1) Install the Virtual box on the laptop
     2) Create a Virtual machine of the Ubuntu operating system
     3) Print the Home directory files

Ans -> Following steps are needed to do the above-mentioned tasks -
Step 1 - Download the Virtual box from the official website and install it with no configuration change.
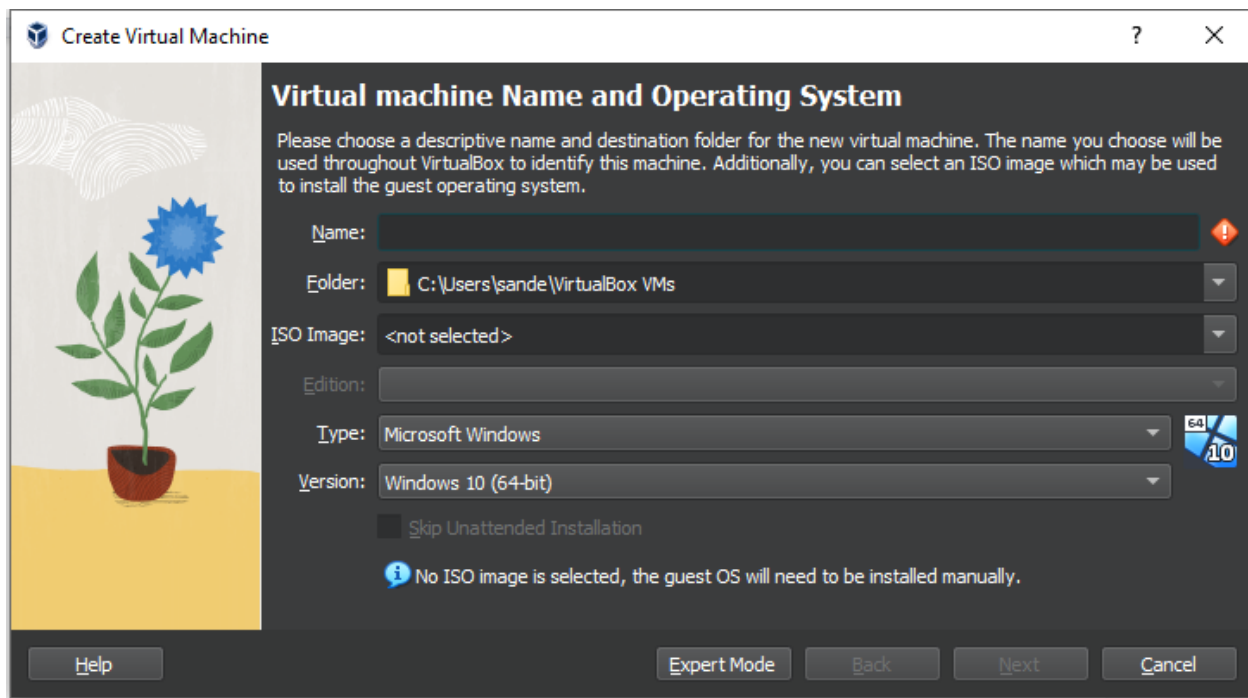
Step 2 - Download the Ubuntu(OS) Iso file compatible with VirtualBox.

Step 3- Open the virtual box. you will see the following interface
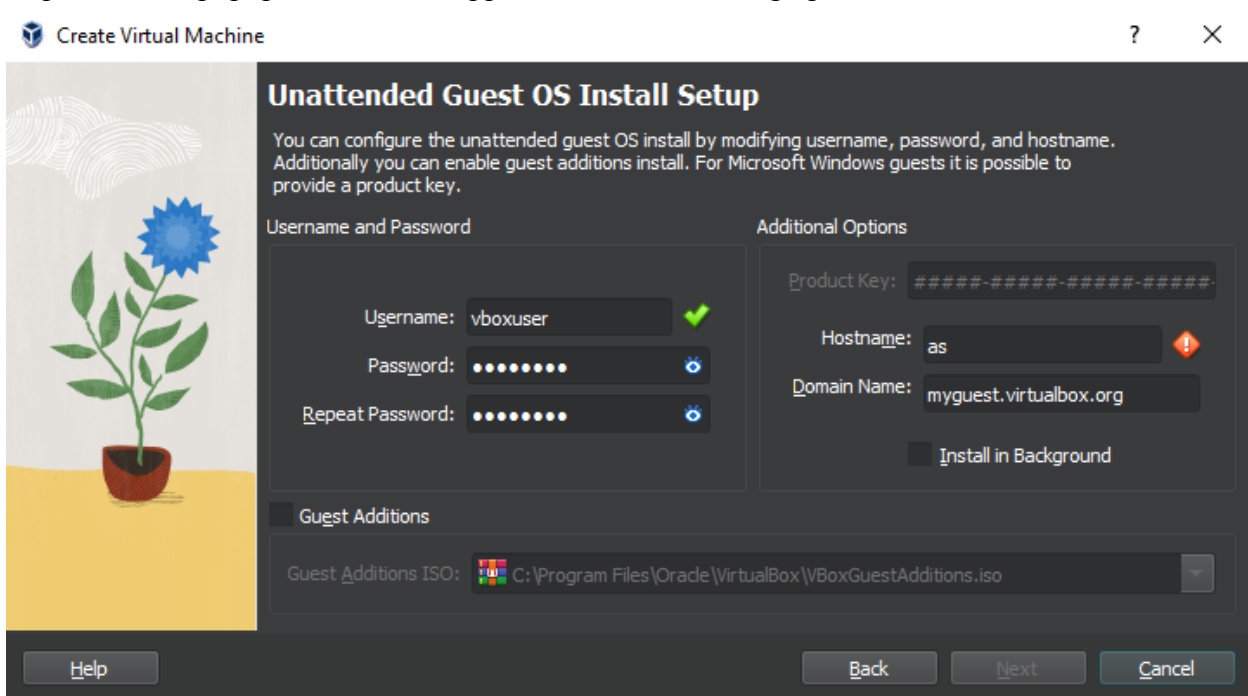

You will see the options News, Add, Settings, Discard, and Show on the top of the application's main screen.   For the first time when you are installing an operating system, You need to click on the New Button.

Step 4- A popup window will appear which will ask for the Name and location of the ISO file. Select the location by clicking on the select button. You may change the location of the application store as well. Generally, we install the OS where we have more space than other Disk. Try to install the ISO file in the disk which is having at least 50 GB space for better performance.

Step 5 - Click Next Button

Step 6 - A new popup window will appear with the following options as shown below

In the username give any username of your choice. In the password selection, you may give a combination of letters and Characters. After confirming all click on Next.

Step 7 - It will ask for the hardware configurations like how much size you want as your hard disk, and what should be your memory. Choose the processor as minimum 2 with memory size as default. And minimum memory should be 4056 Mb. (It depends on your system configuration)
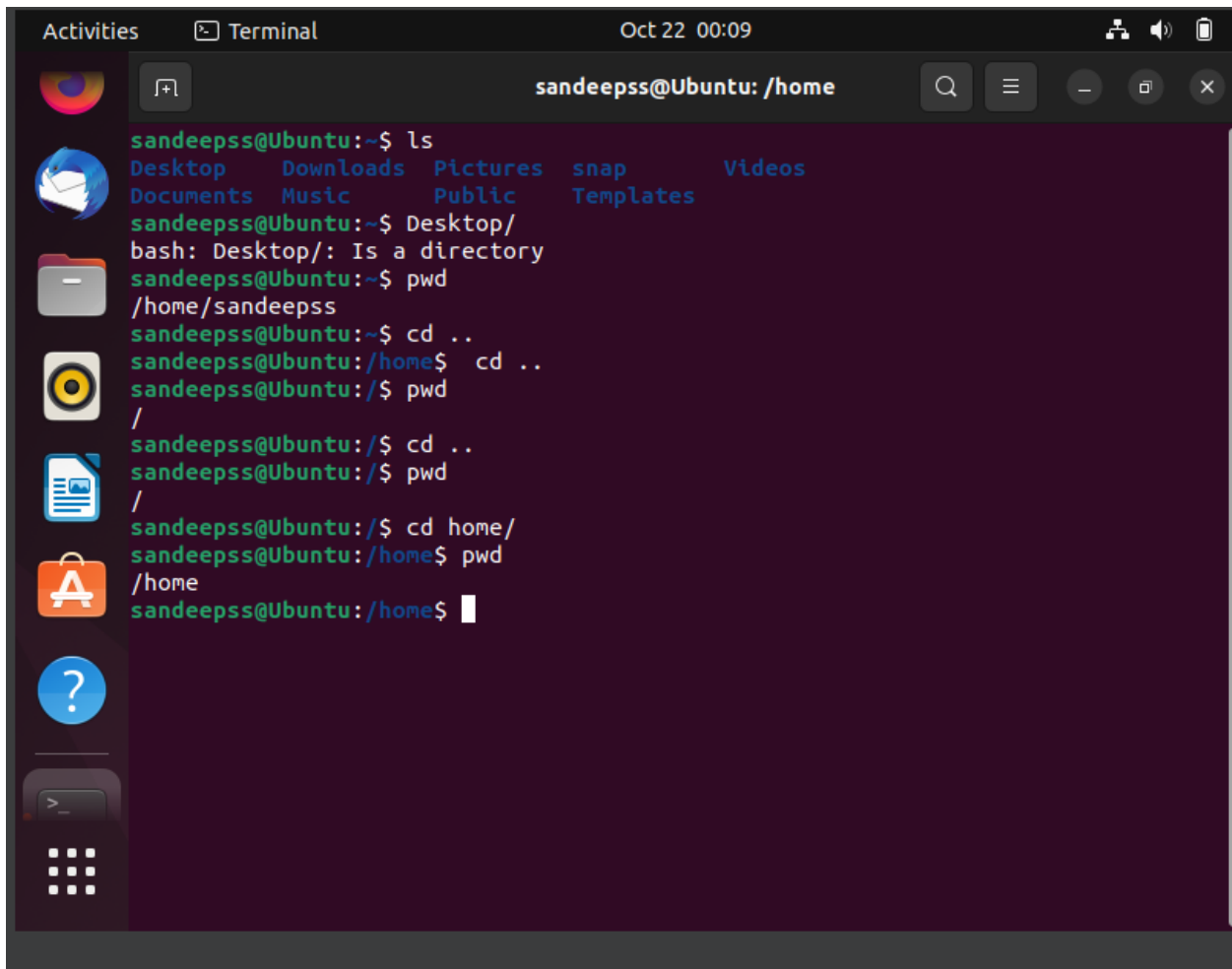
Step 8 - Click the Next button. It will take some time to load the resources.

Step 9 - It is ready to start the OS now. Click the start button in the VirtualBox.

Step 10 - The username will be selected by default. Click on it then Give the password which you have set in step 6.

Step 11 - Open the terminal either by all application menu or by default it is at the right side of the menus.

Step 12 - pwd is the command to print the working directory, ls is used to see the directories. So according to the need write the command in the terminal.