

## Assignment No: 2

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**Aim:** Study and Install Debian Operating System

### Theory:

#### 1. Steps to Install Debian Operating System:

- Step 1: Download Debian 10 ISO file.
- Step 2: Boot System From USB.
- Step 3: Set Up Language, Location, and Keyboard.
- Step 4: Configure Network.
- Step 5: Set Up Users and Passwords.
- Step 6: Partition Disks for Debian 10.
- Step 7: Final Configuration.
- Step 8: Start Up Debian 10.

2. Debian is **a popular and freely-available computer operating system that uses the Linux kernel and other program components obtained from the GNU project**. Debian can be downloaded over the Internet or, for a small charge, obtained on CD.

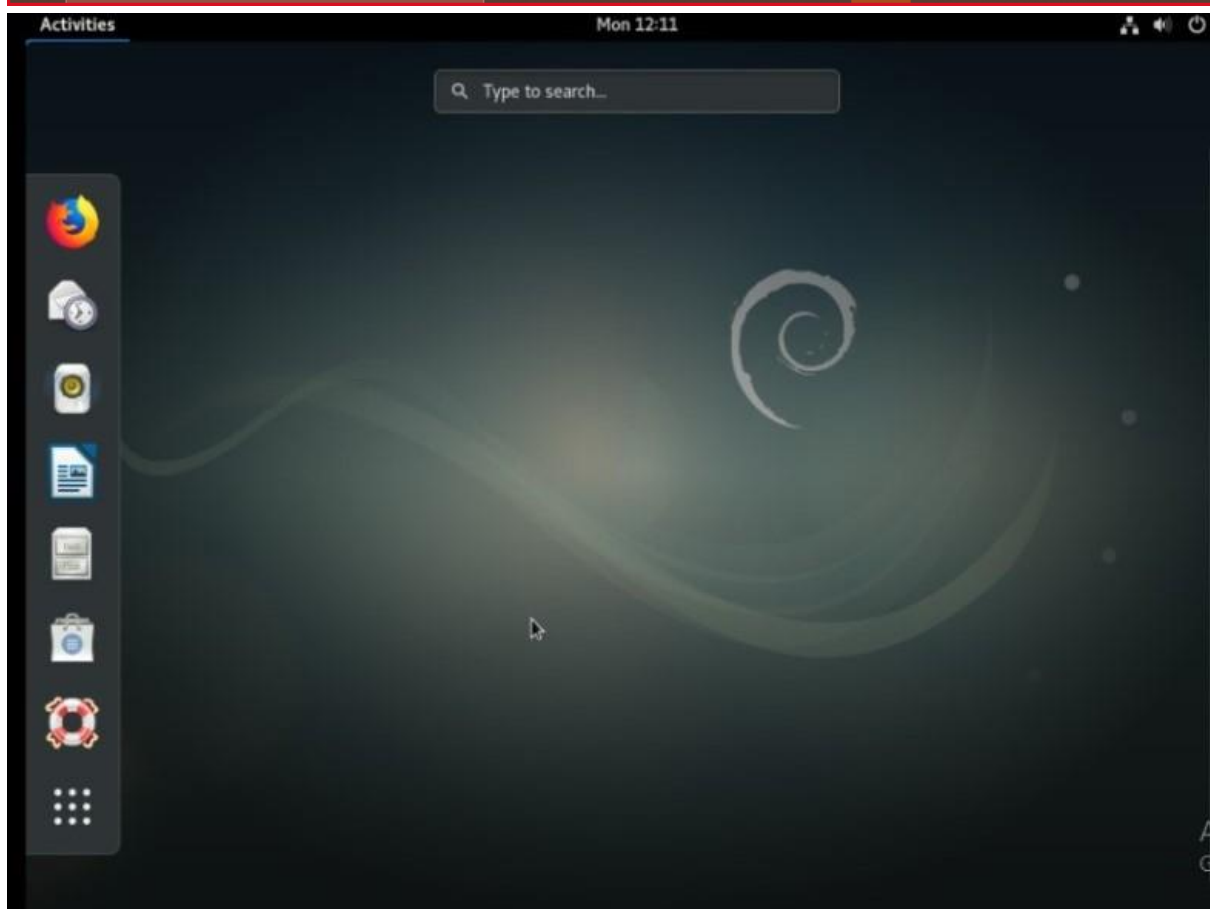
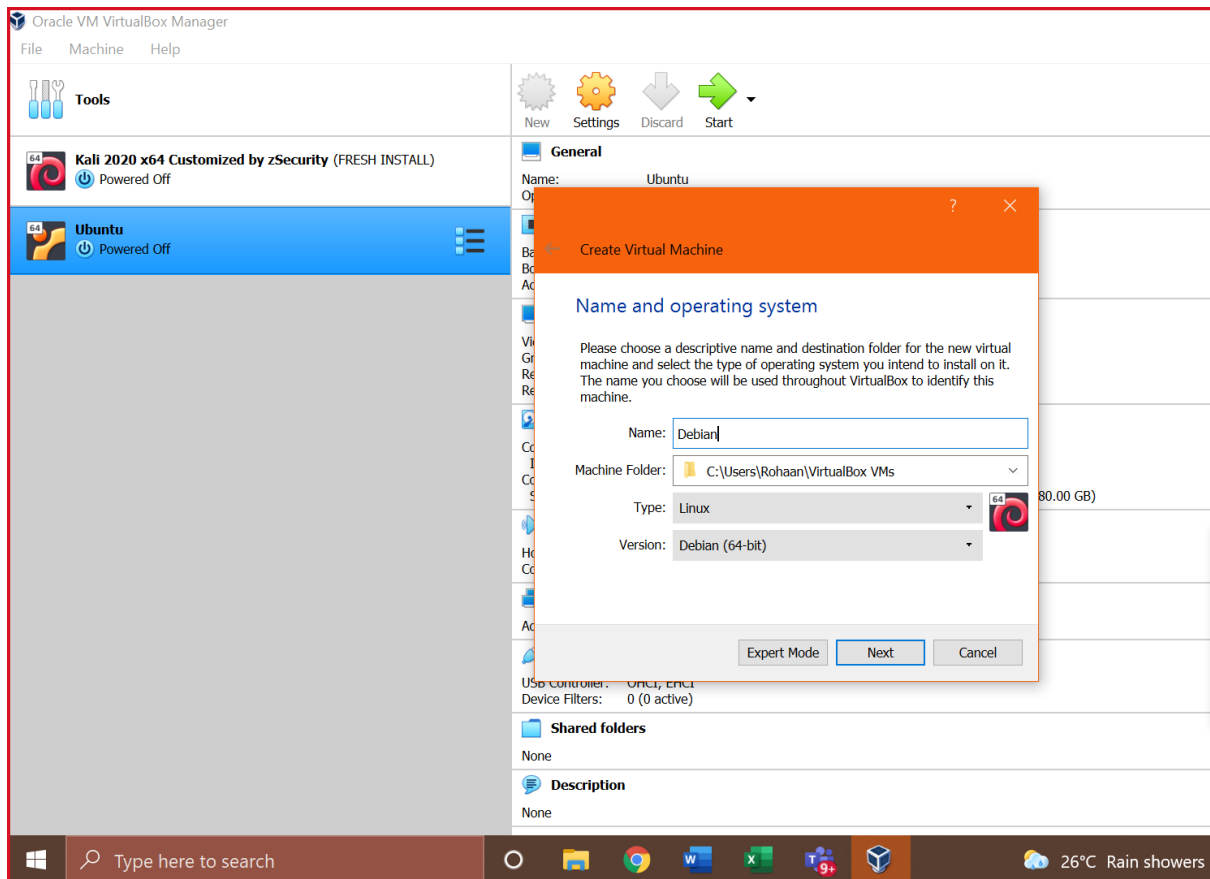
#### 3. Advantages:

- Upgradability
- Availability
- Integration
- Source
- High Quality
- Pre-Configuration
- Bug Tracking System
- Testbed

### Conclusion:

Debian Has **Great Software Support**

Debian's DEB format, thanks in large part to how many people use Ubuntu, is now the most common app format in the Linux world. Before you even start searching for third-party software, Debian has some of the largest software repositories you will find. It is easy to install and use.





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