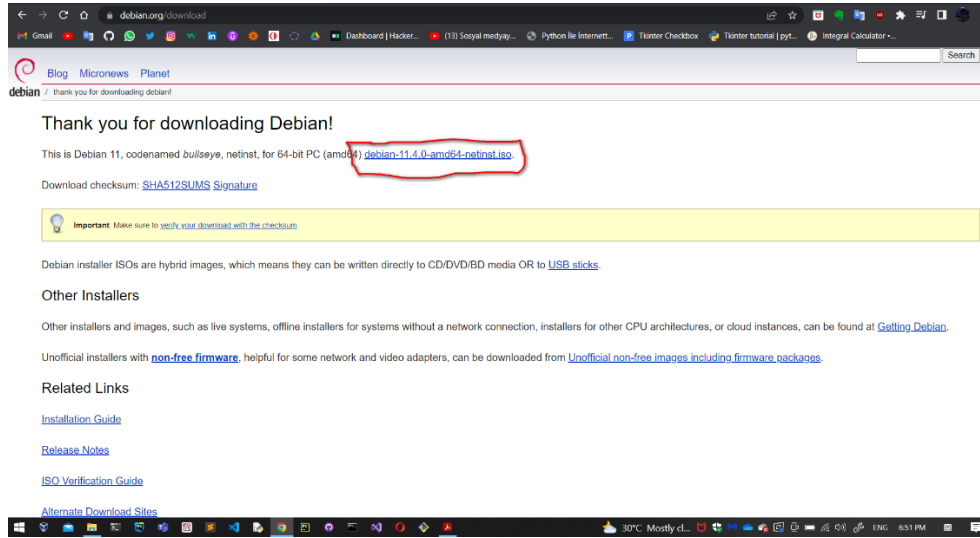


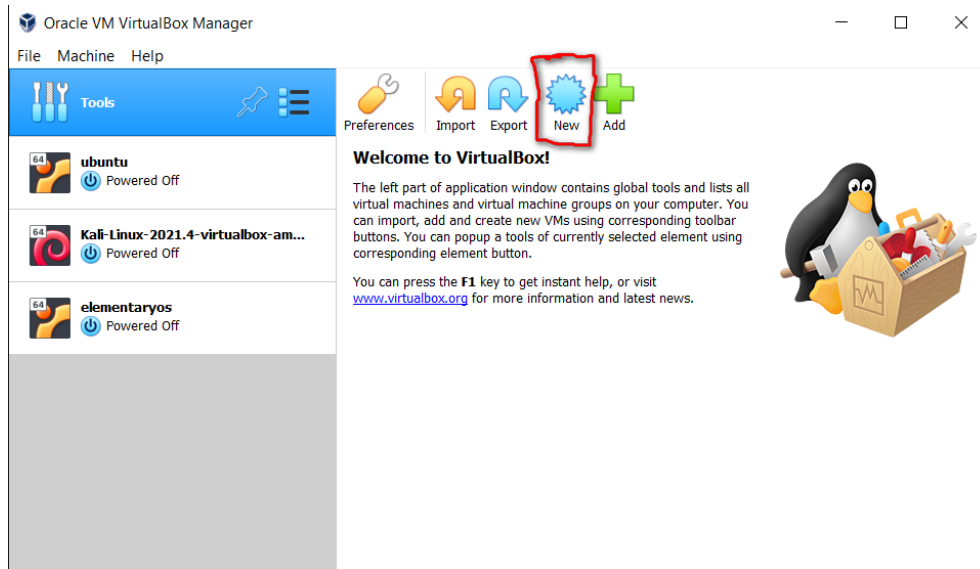
1-) Öncelikle <https://www.debian.org/download> sitesinden Debian 11.4.0 iso dosyasini indiriyoruz.



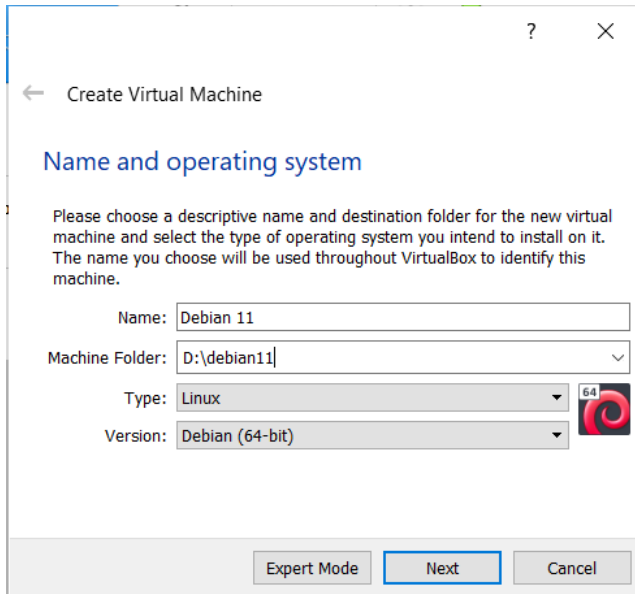
2-) VM Box Uygulamasini <https://www.virtualbox.org/wiki/Downloads> bu linkten indiriyoruz.



3-) New'e basiyoruz ve yeni bir sanal makine olusturuyoruz.



4-) Ismi Debian 11 Olarak ayarliyoruz ardindan Makinenin nereye kurulacagini ayarliyoruz. Next'e basiyoruz.




← Create Virtual Machine


Name and operating system

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

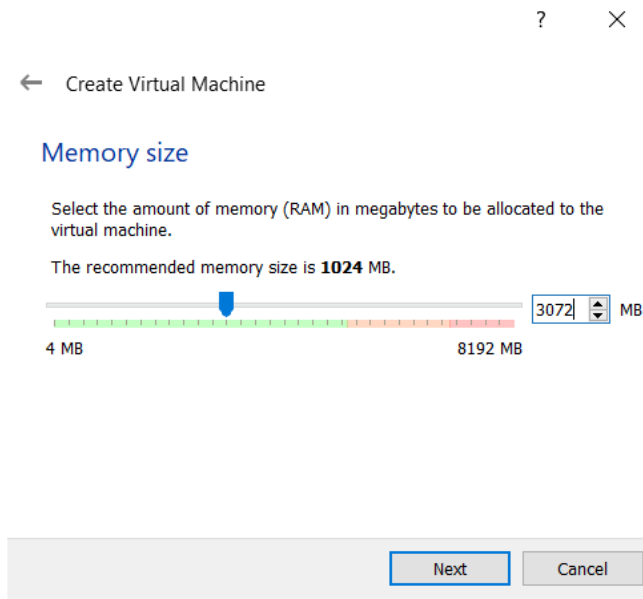
Name:

Machine Folder:

Type: 

Version: 

5-) Ram boyutunu ayarliyoruz. (En dusuk 2048 mb olucak sekilde)



← Create Virtual Machine

Memory size

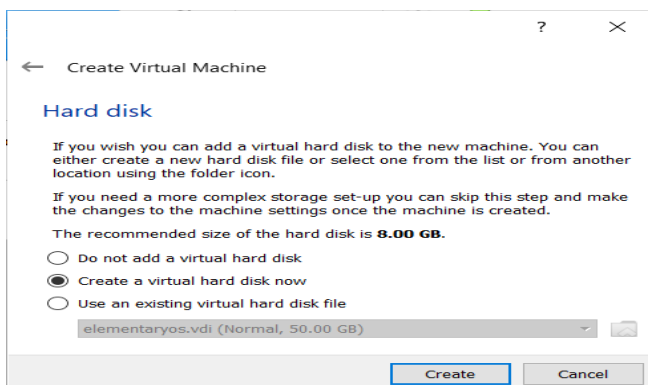
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

The recommended memory size is **1024 MB**.

MB

4 MB 8192 MB

6-) "Create a virtual hard disk now" kismini secip Next'e basiyoruz.



← Create Virtual Machine

Hard disk

If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.

If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.

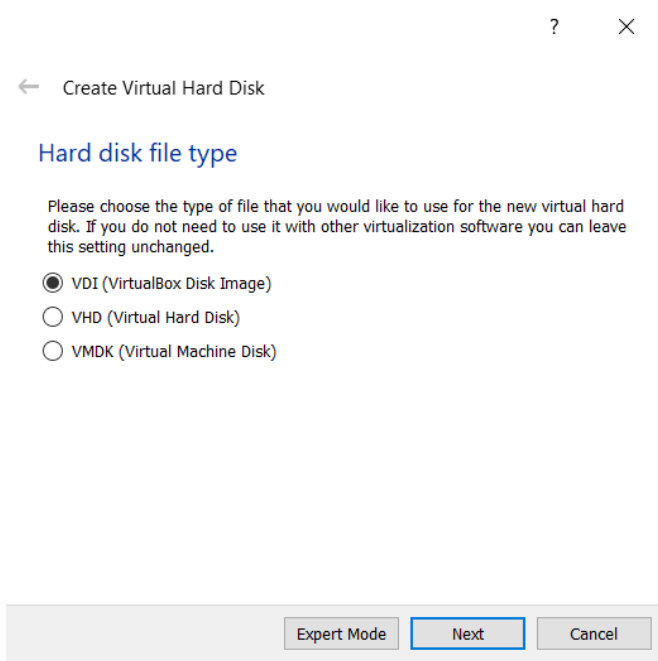
The recommended size of the hard disk is **8.00 GB**.

Do not add a virtual hard disk

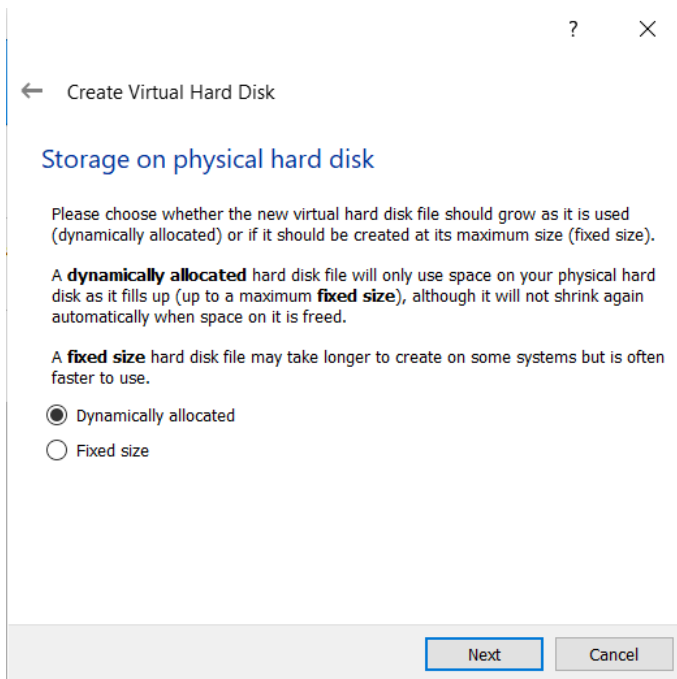
Create a virtual hard disk now

Use an existing virtual hard disk file

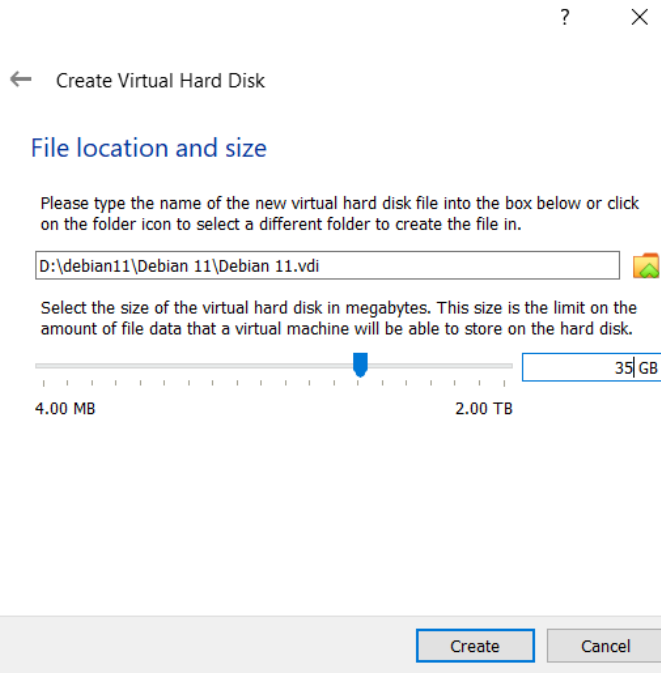
7-) VDI secenegini secip Next'e basiyoruz.



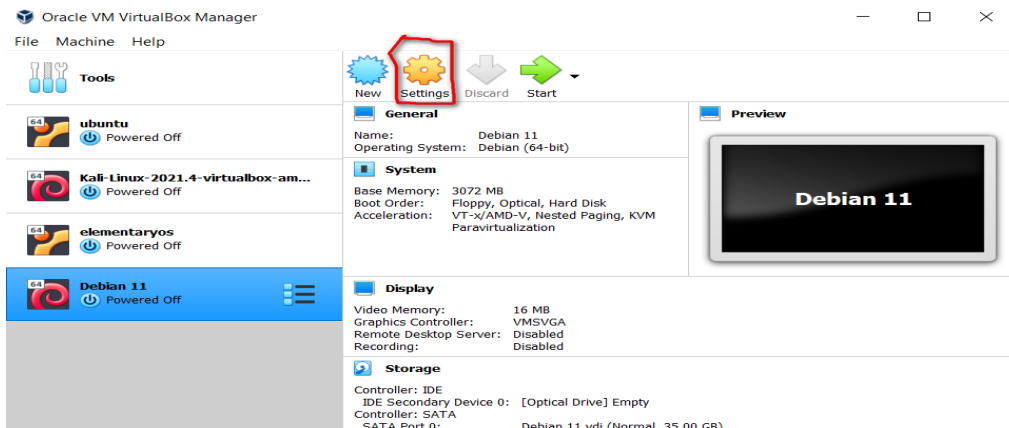
8-) "Dynamically allocated" secenegini secip Next'e basiyoruz.



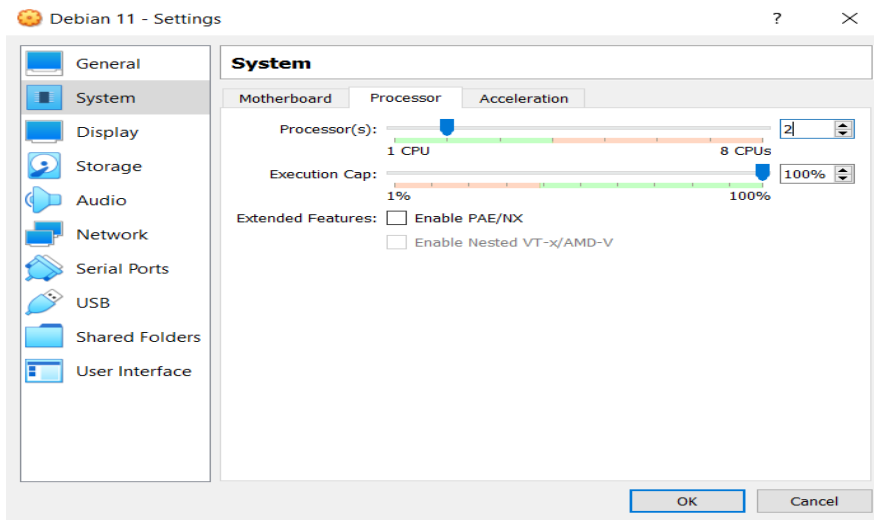
9-) Diskimizin boyutunu ayarlıyoruz. (en dusuk 30 GB olucak sekilde)



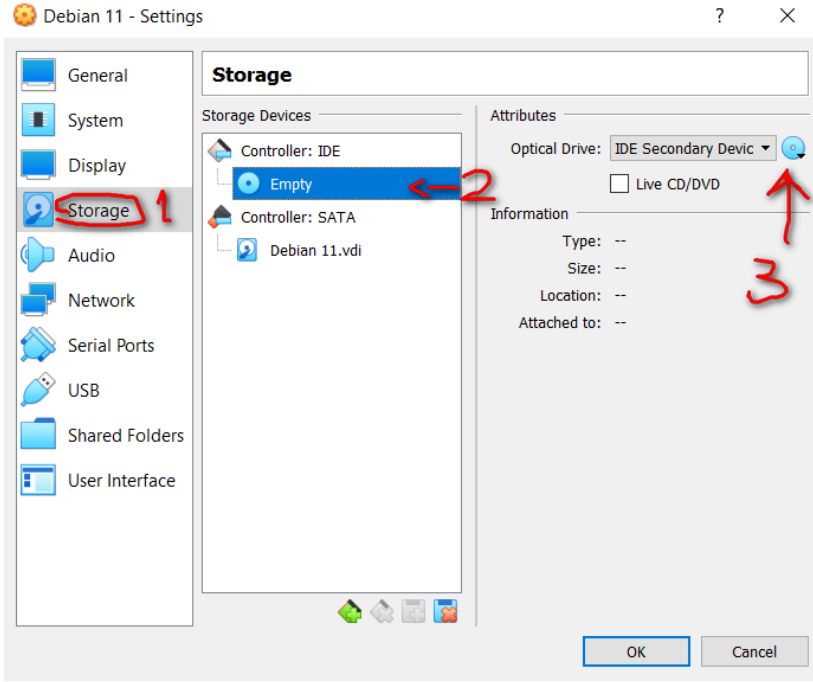
10-) Sanal makinemiz secili iken Settings kismina basiyoruz ve ayarlari aciyoruz.



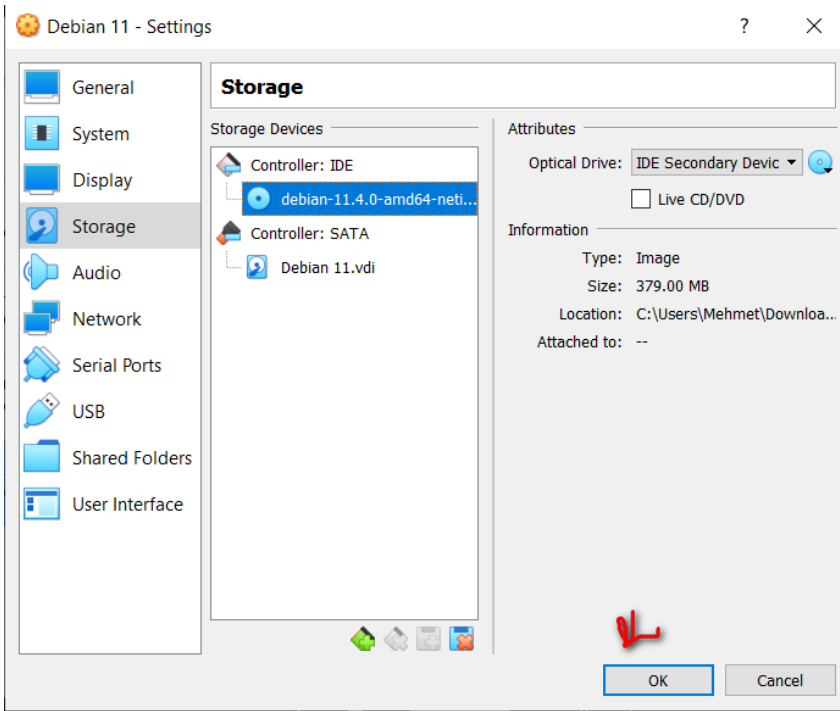
11-) System>Processor kismindan Processor(s) kismini 2 olarak degistiriyoruz.



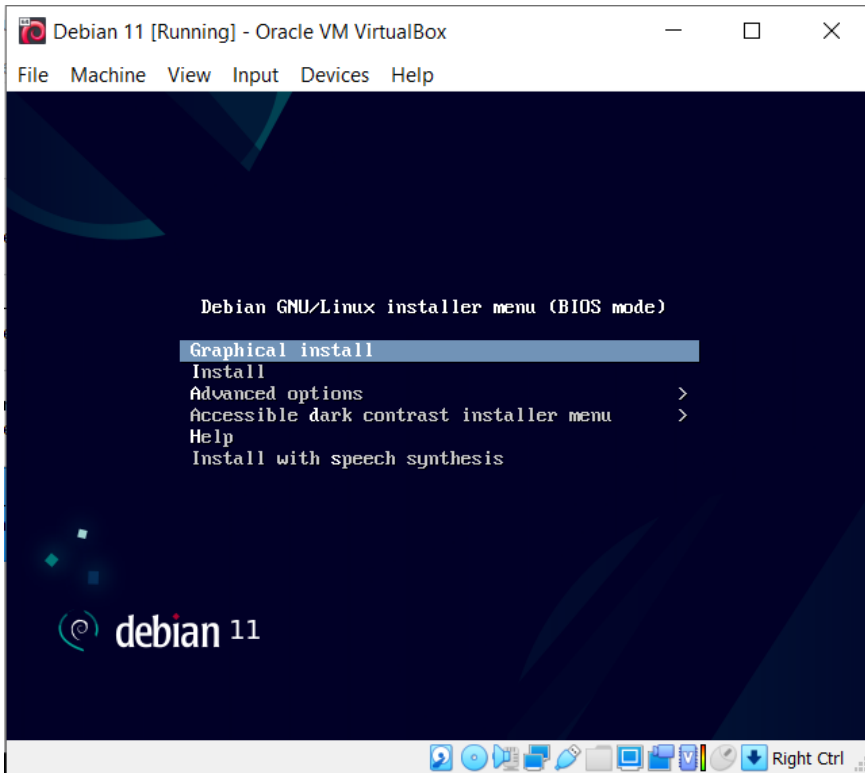
12-) Storage>Empty kısmından “Choose a disk file” basıyoruz ve yuklemis oldugumuz .iso uzantili dosyamizi seciyoruz.



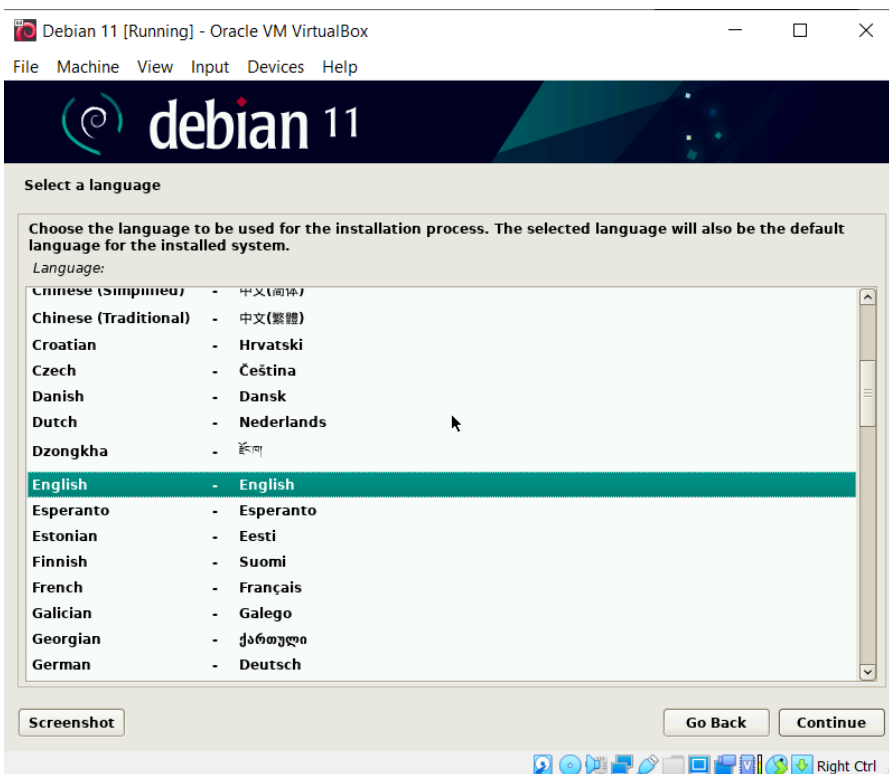
13-) OK'a basarak ayarlar menusunden cikiyoruz ve sanal makinemizi baslatiyoruz.



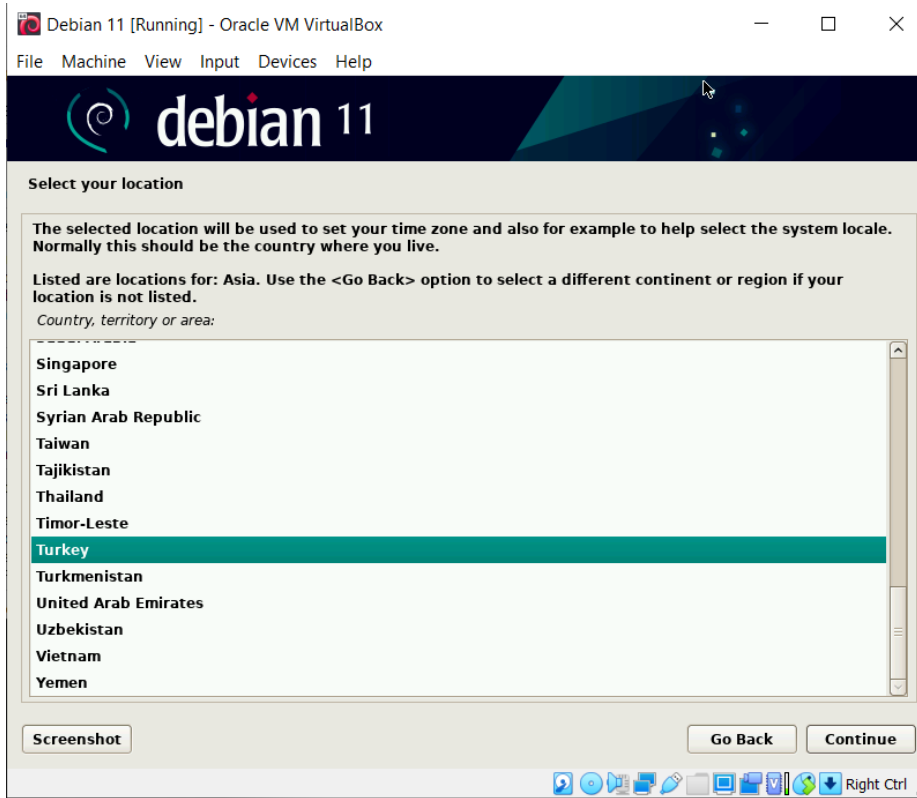
14-) Graphical install secenegini seciyoruz ve Enter'a basiyoruz.



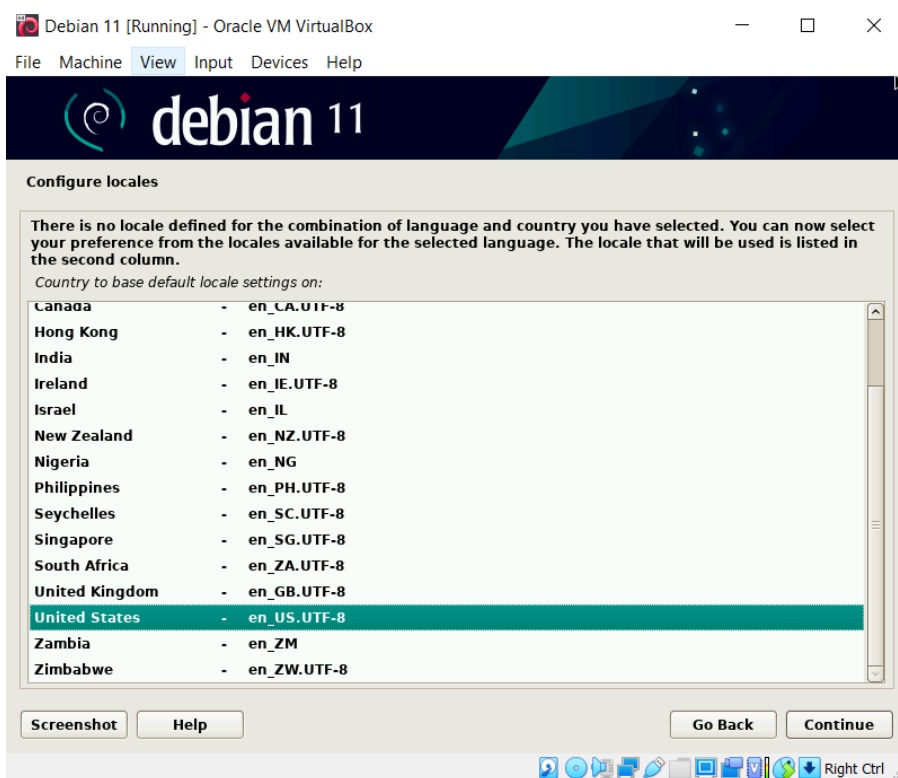
15-) English kismini sectikten sonra Continue butonuna basiyoruz.



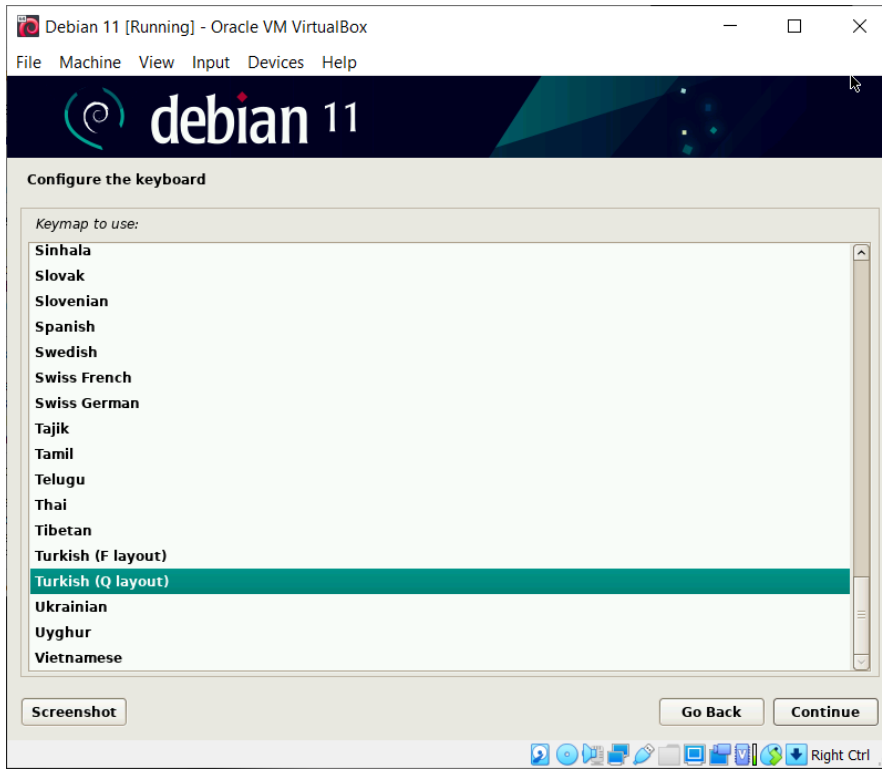
16-) Konumumuzu Turkey olarak ayarlıyoruz ve Continue butonuna basıyoruz.



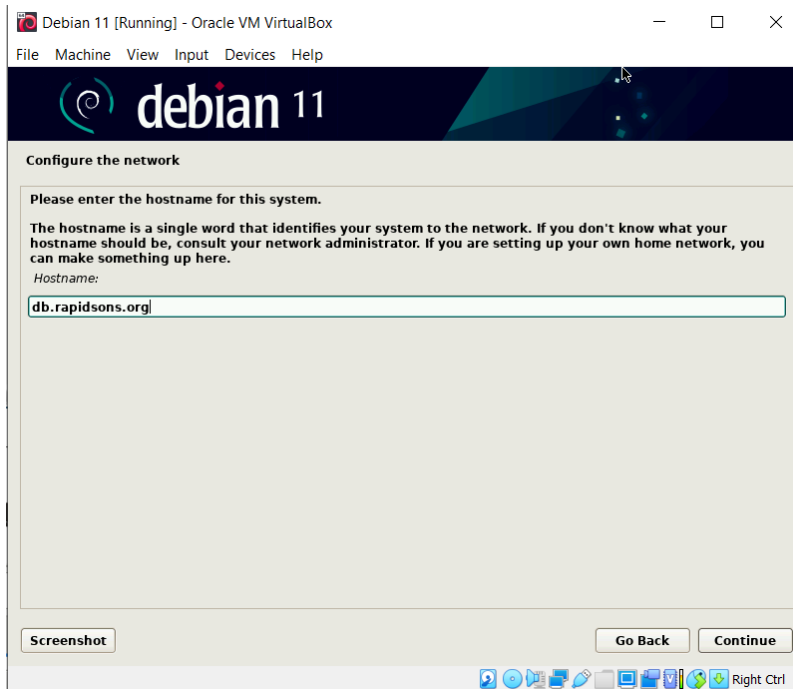
17-) United States – en_US.UTF-8 secenegini secip Continue butonuna basıyoruz.



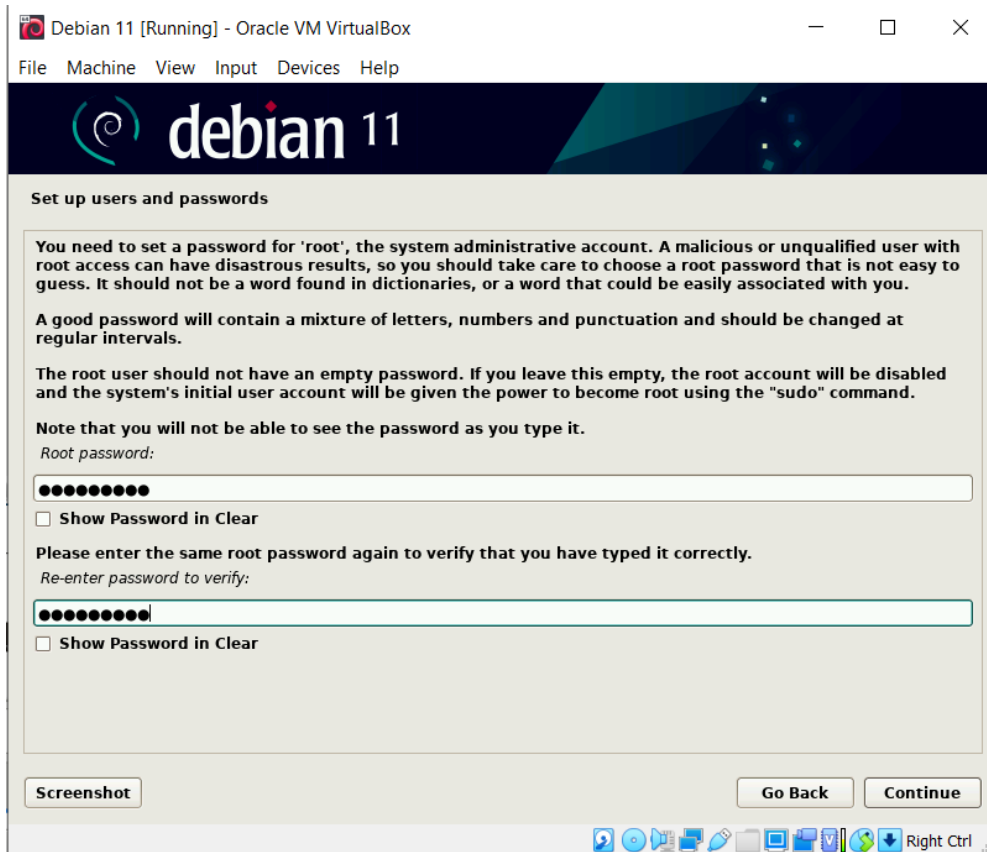
18-) Klavyemizi Turkish Q olarak seciyoruz.



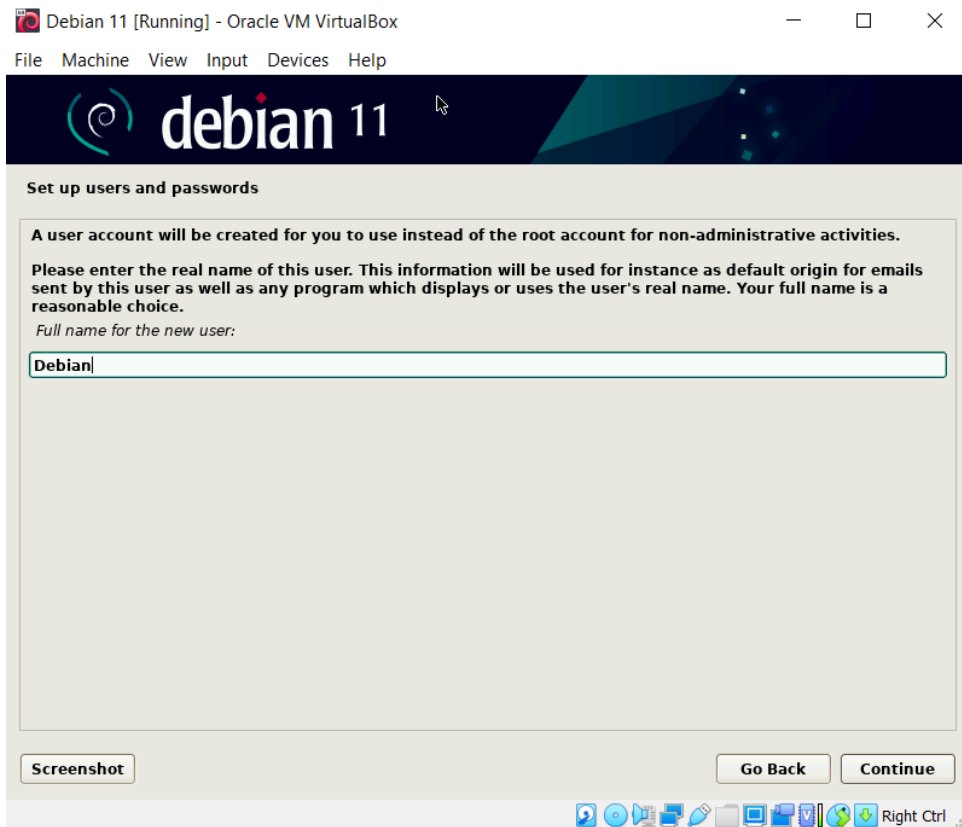
19-) Hostname kismini "db.rapidsons.org" olarak ayarliyoruz ve Continue butonuna basiyoruz.

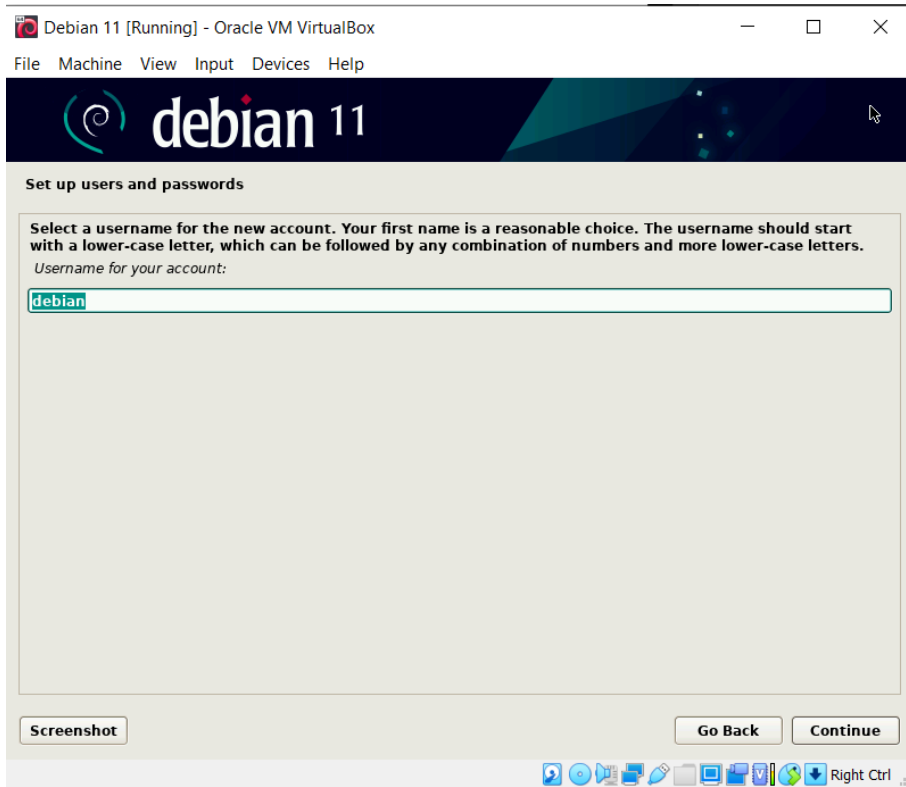


20-) Root Password olarak bir sifre atamasi gerceklestiriyoruz.

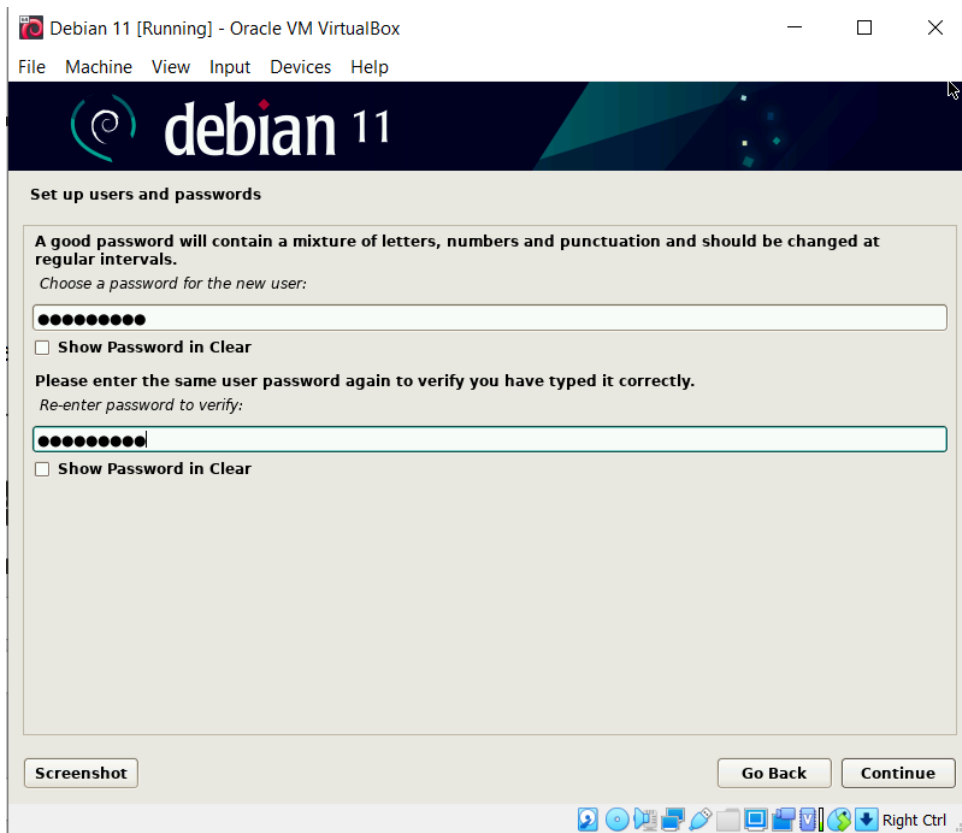


21-) Yeni kullanıcı için isimlerimizi ayarlıyoruz.

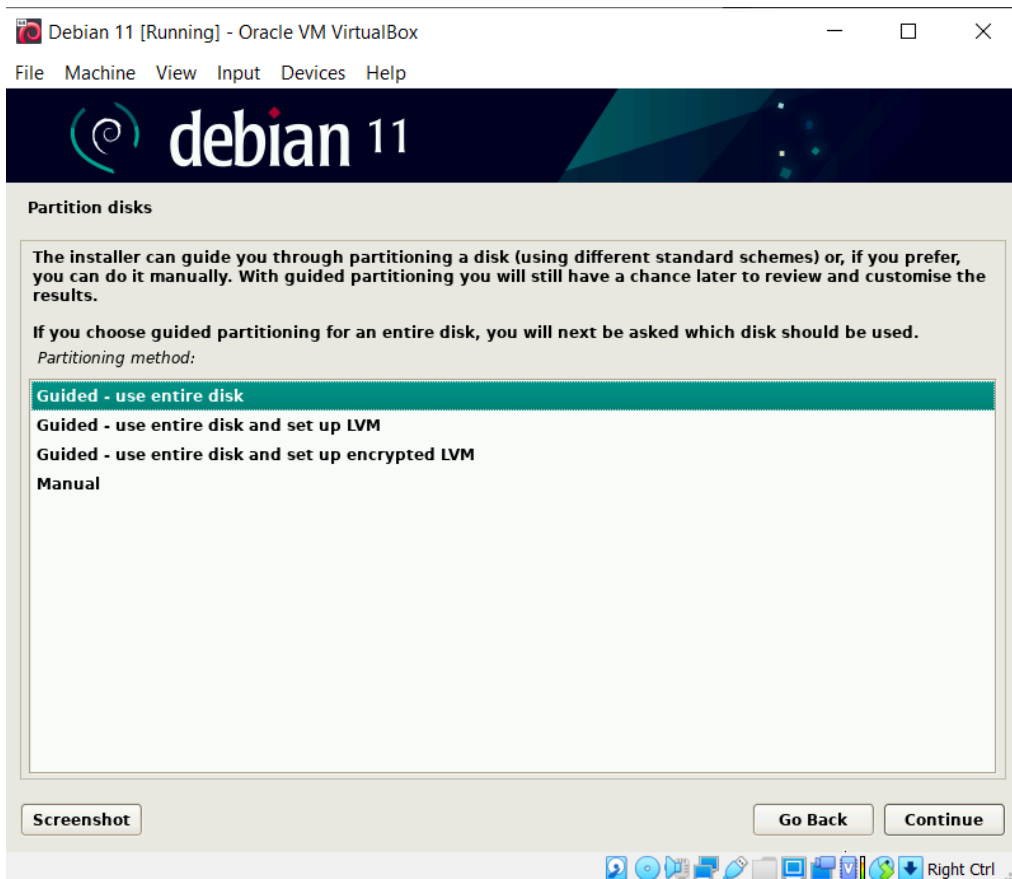




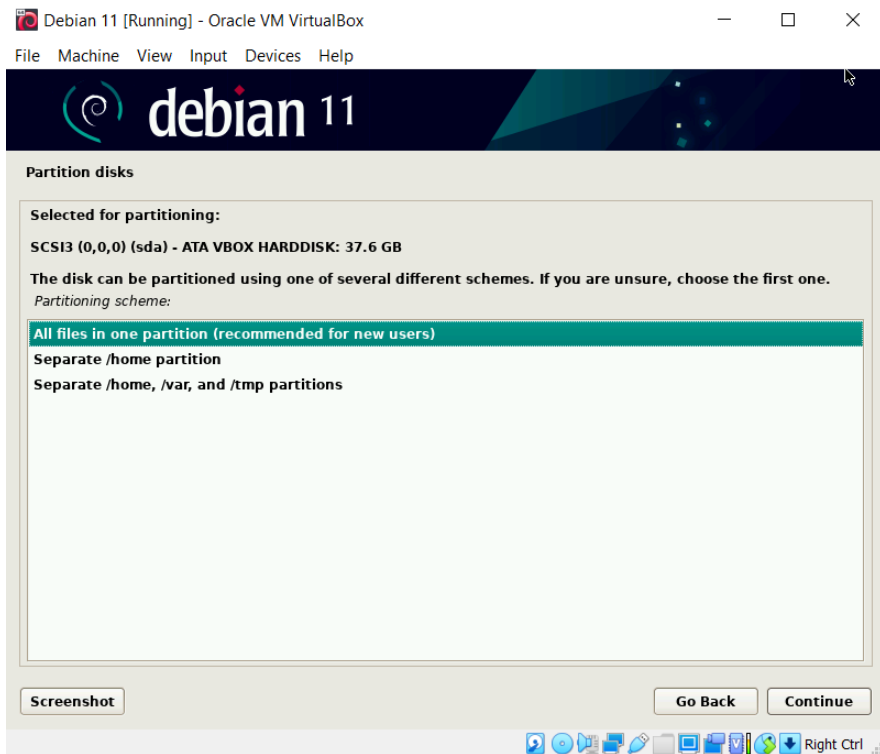
22-) Yeni kullanıcı için şifremizi ayarlıyoruz.



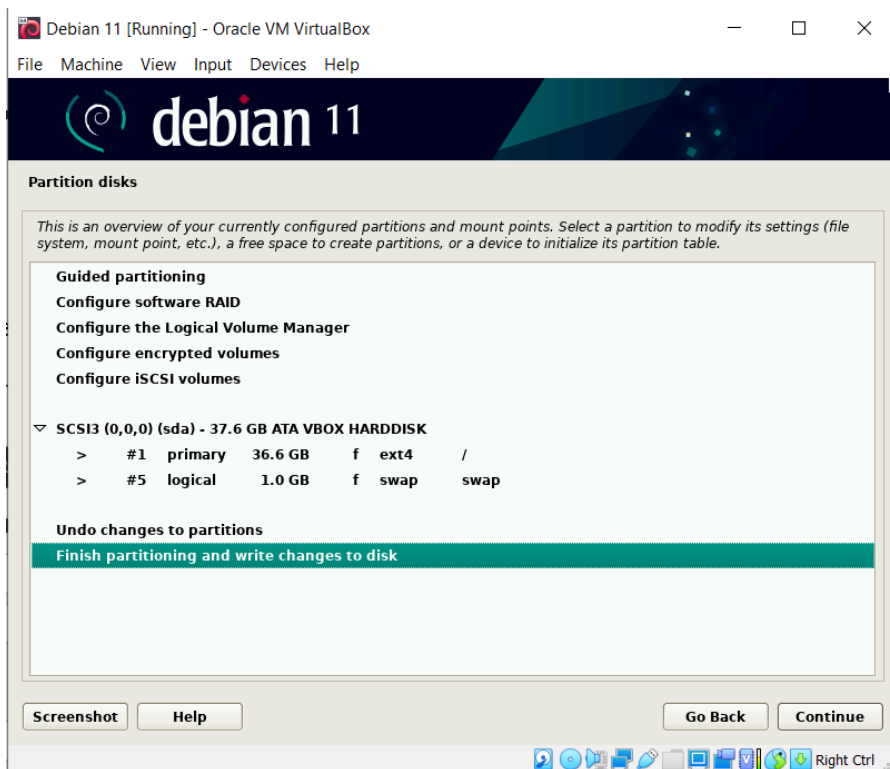
23-) Guided – use entire disk kısmını seçtikten sonra Continue butonuna basıyoruz. Diğer kısımda aynı şekilde Continue butonuna basıyoruz.



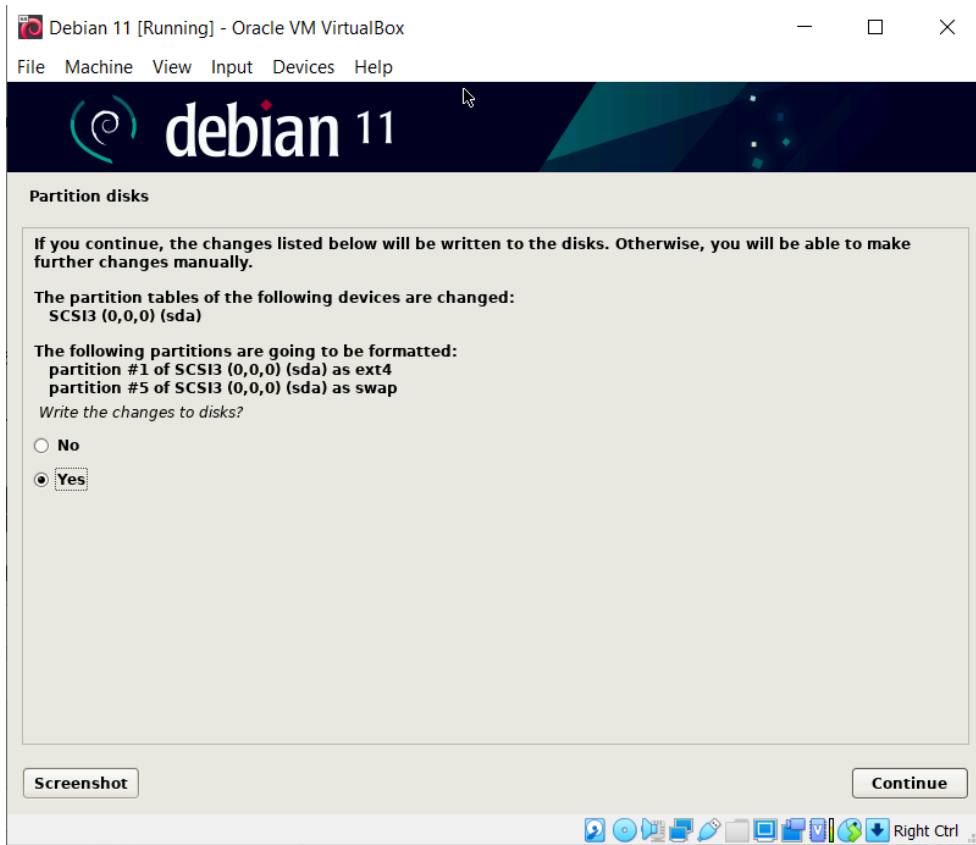
24-) "All files in one partition" secenegi secilip Devam edilir.



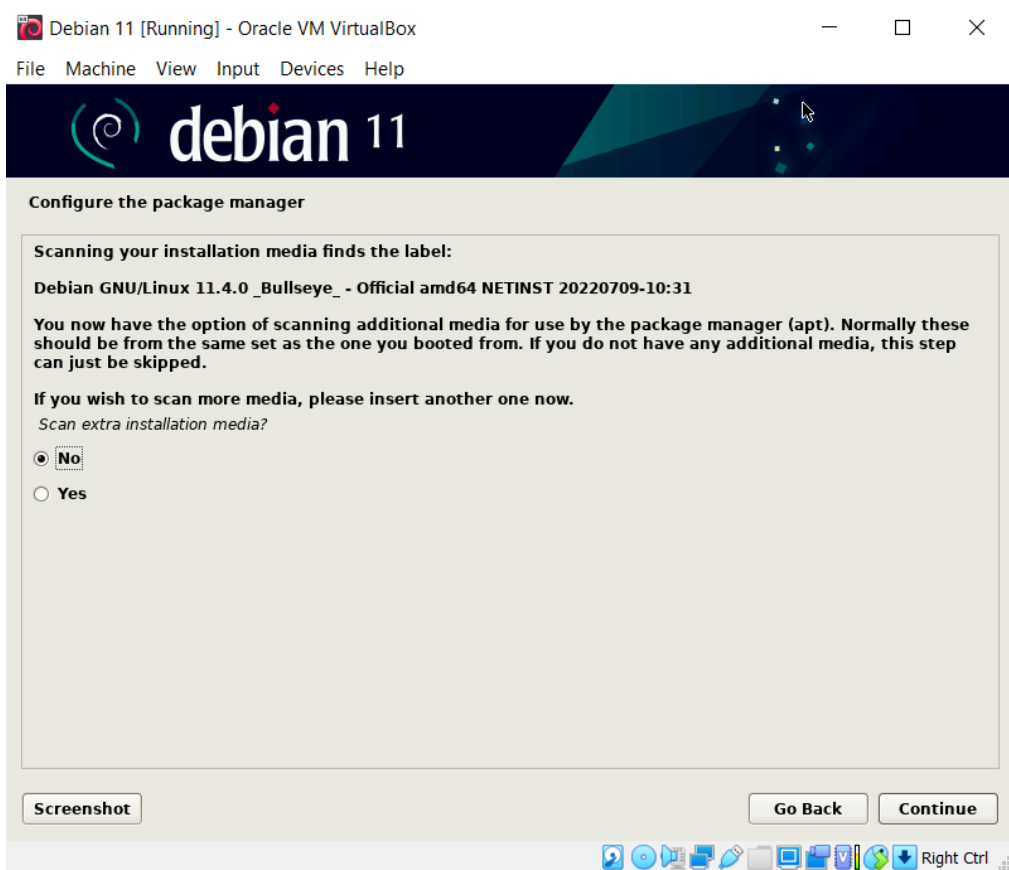
25-) "Finish partitioning and write changes to disk" secenegi secilir, devam edilir.



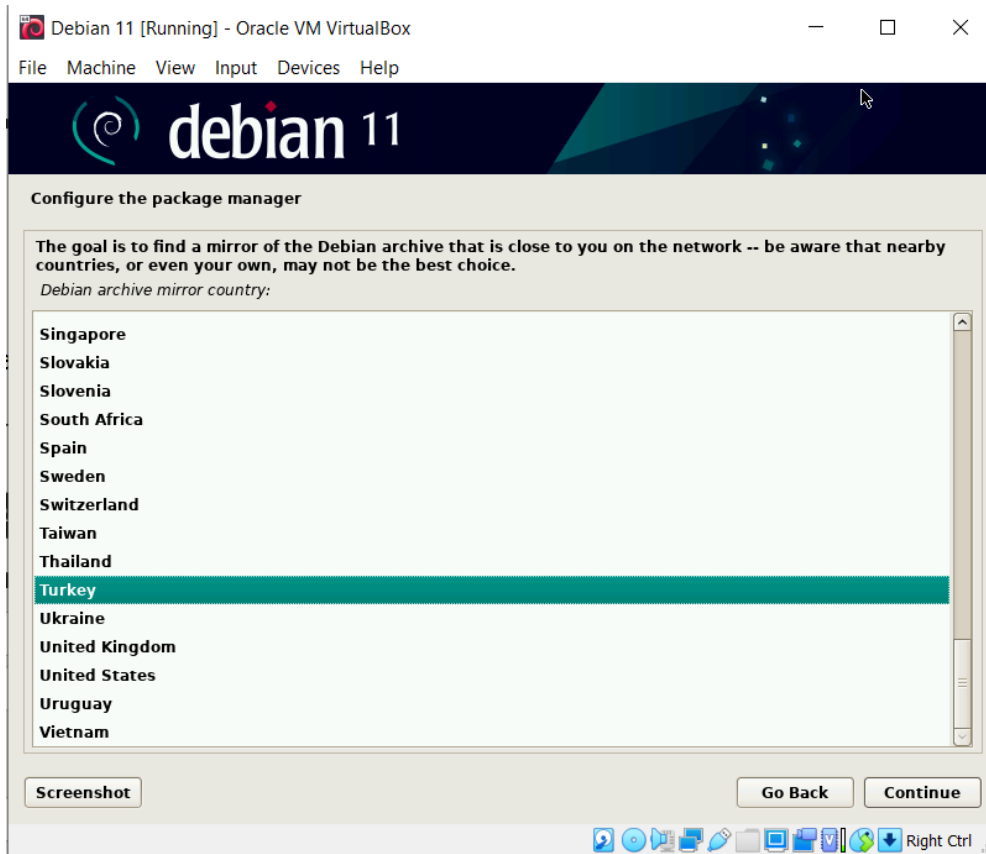
26-) "Yes" secenegi secilir devam edilir.



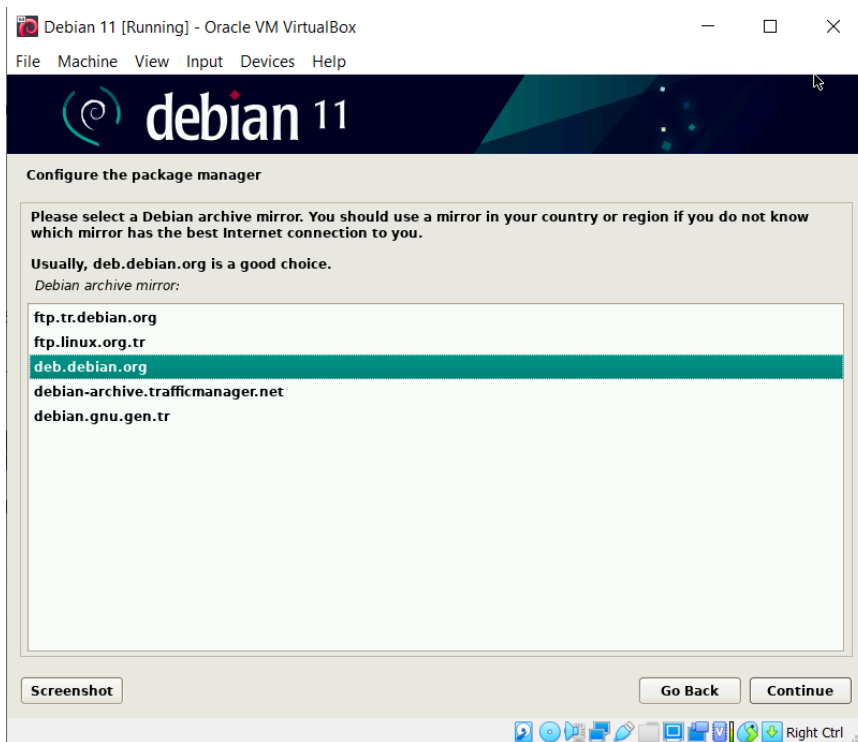
27-) "No" secenegi secilir, devam edilir.



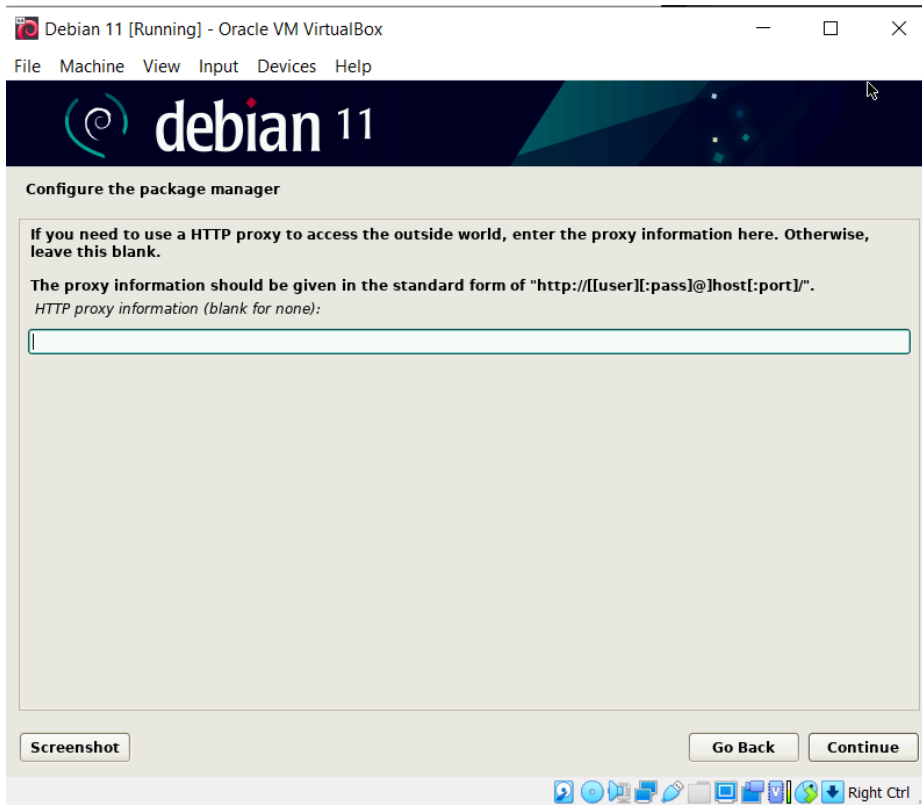
28-) Turkey secilir ve devam edilir.



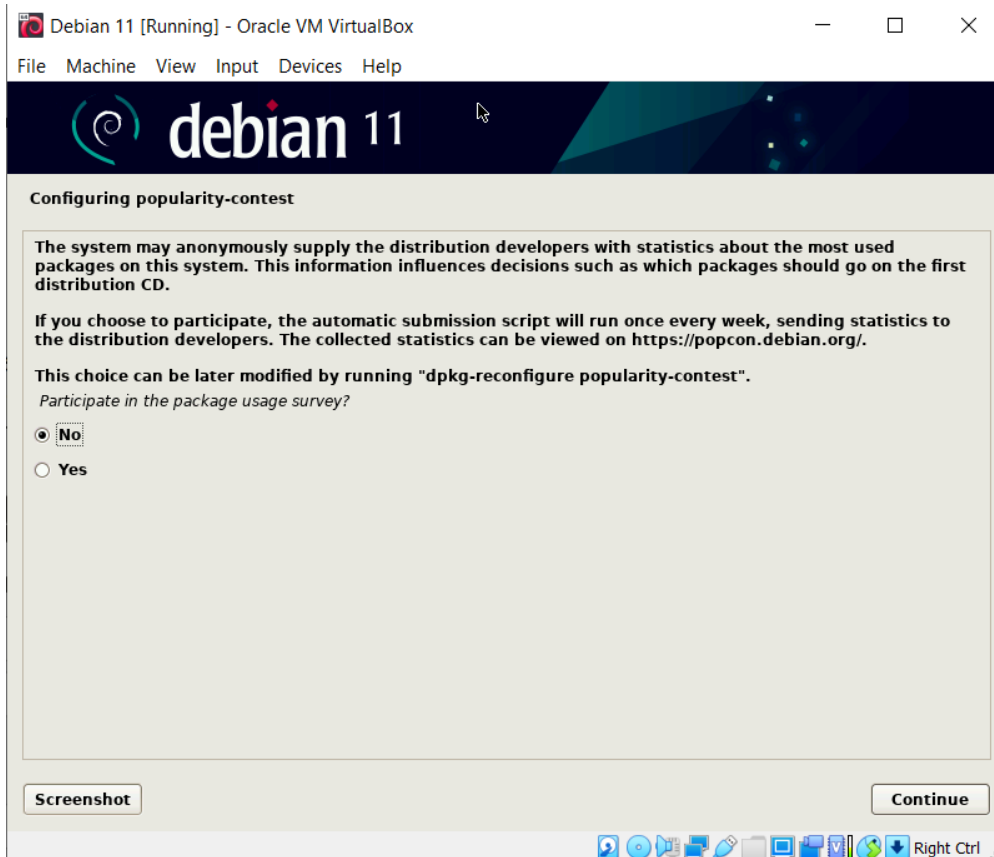
29-) deb.debian.org secenegi secilir devam edilir.



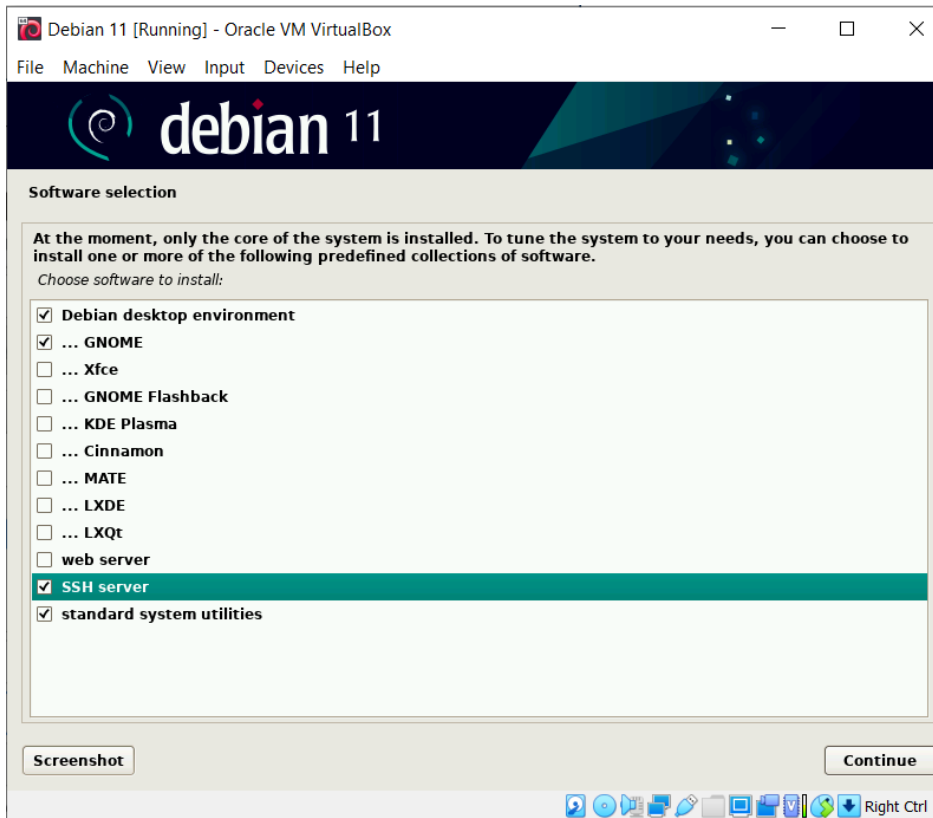
30-) Proxy kismini geciyoruz.



31-) "No" secenegi secilir, devam edilir.



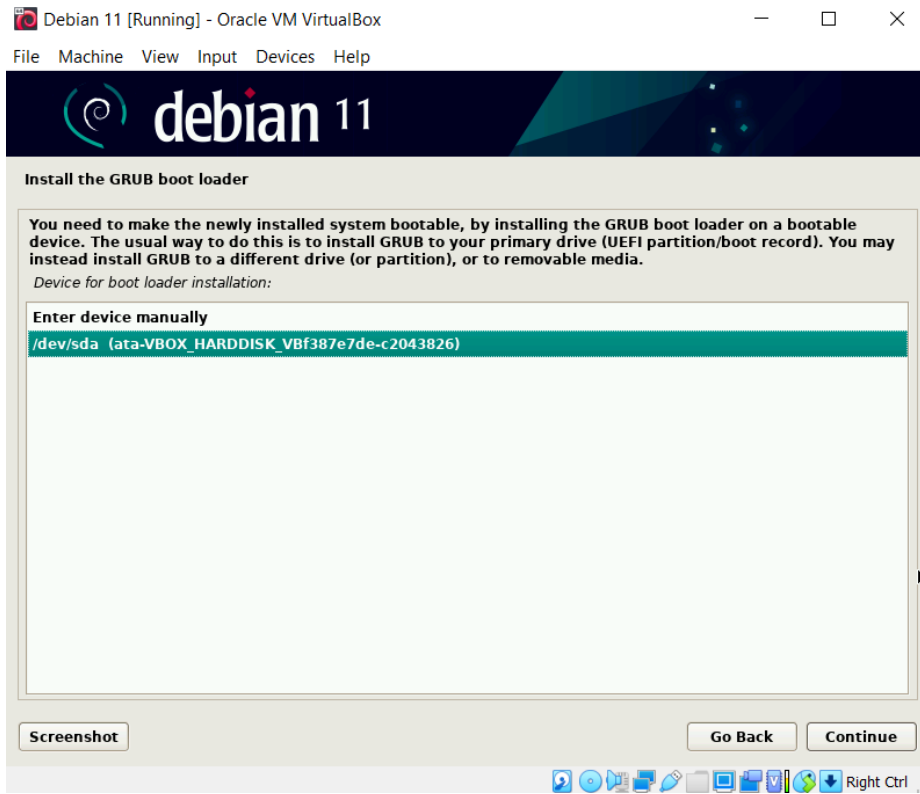
32-) Goruntude secili olan secenekler secilir ve devam edilir.



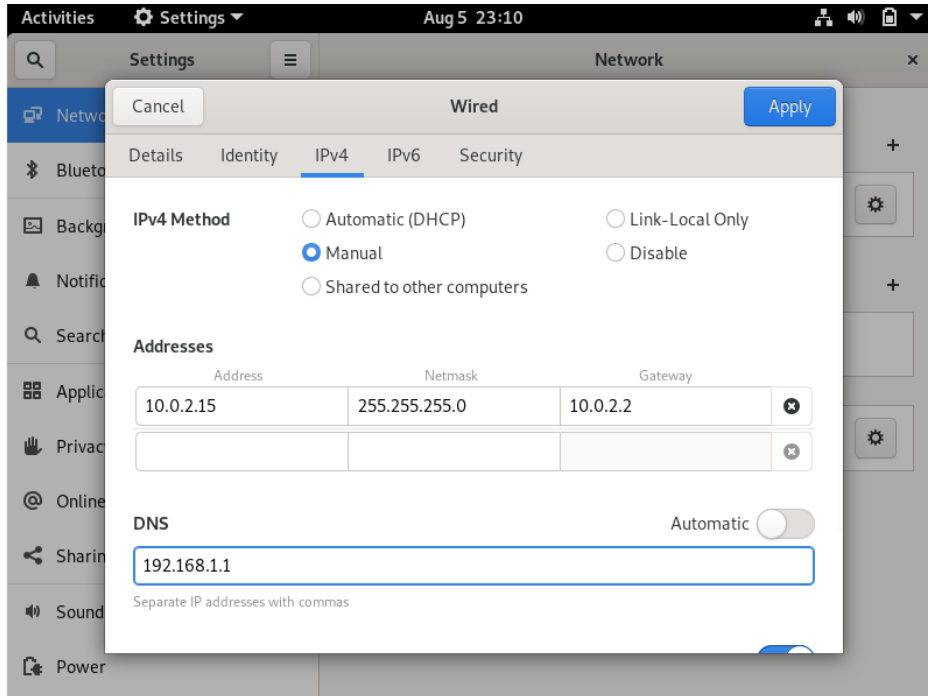
33-) "Yes" secenegi secilir ve devam edilir.



34-) “/dev/sda” secenegi secilir ve devam edilir.



35-) Kurulum tamamlanir. Settings>Network kismindan Wired ayarlarina girilir ve goruntudeki ayarlar uygulanir.



36-) Asagidaki adimlar Guest additions kurulumu icindir. Teker teker uygulayiniz.

First, update all the packages to the latest version.

```
sudo apt update  
sudo apt upgrade -y
```

COPY

Reboot your system in case the upgrade includes a Kernel update.

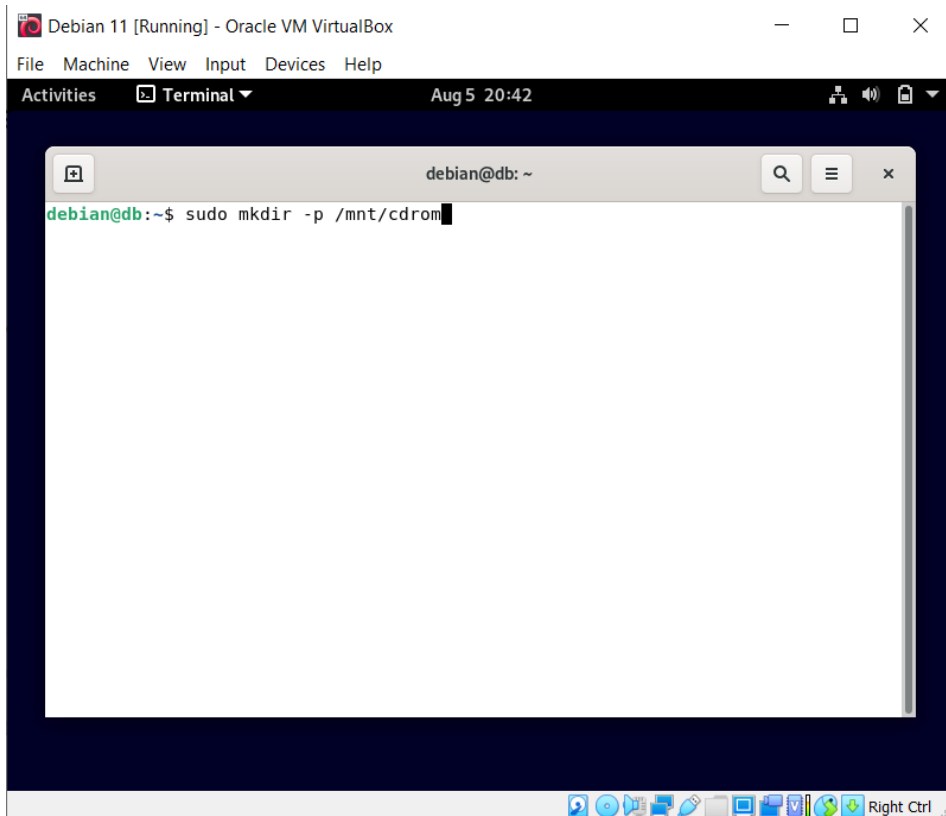
```
sudo reboot
```

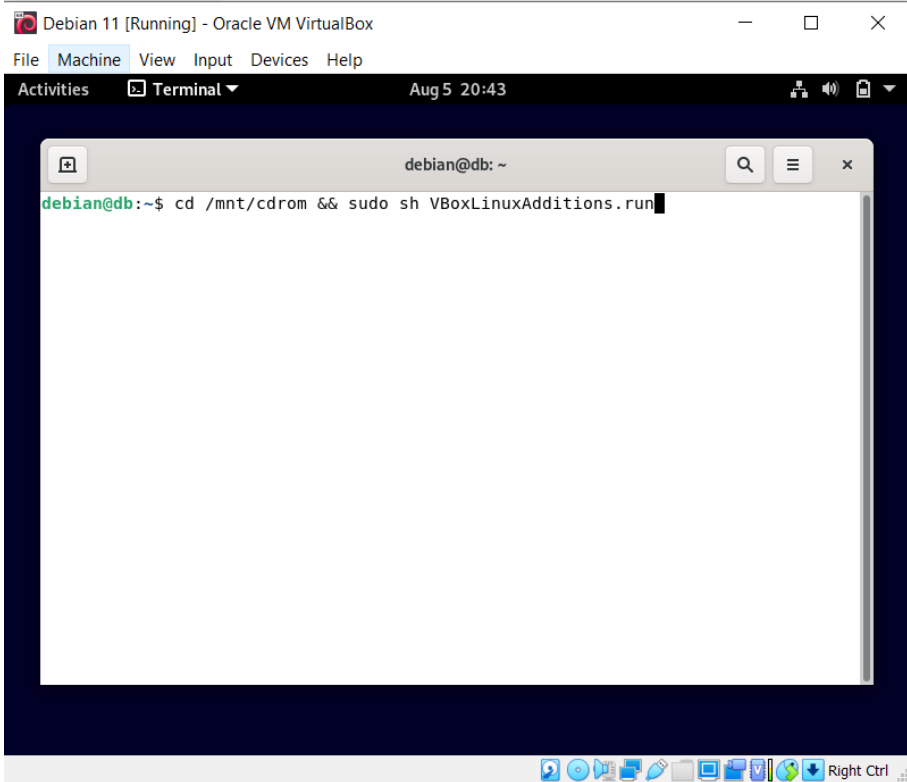
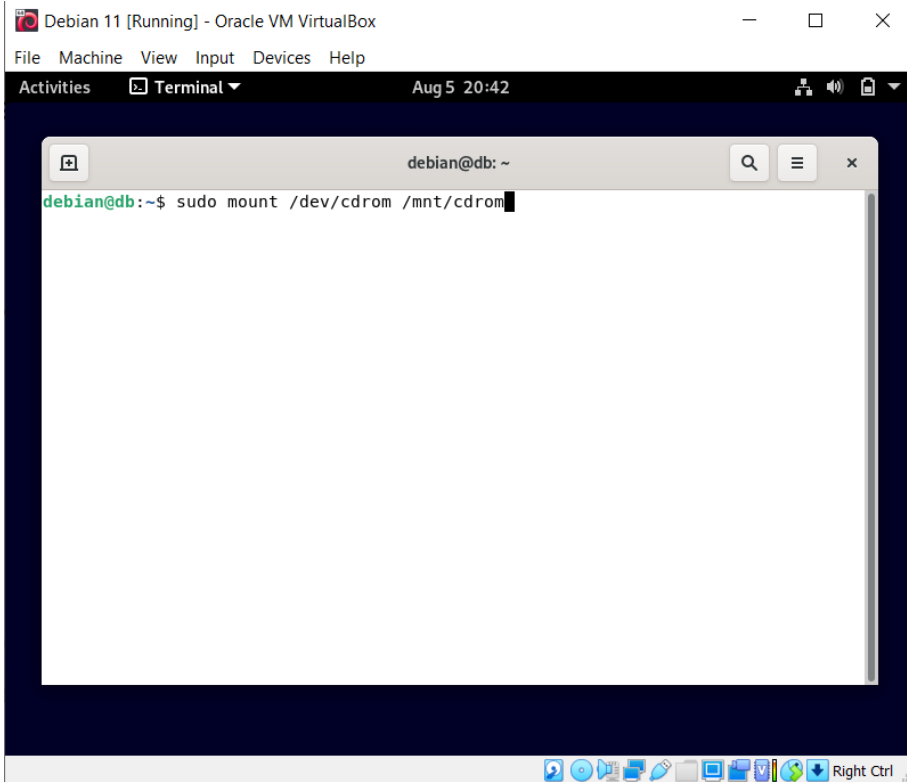
COPY

Then, install the build tools and kernel headers for the current kernel.

```
sudo apt install -y build-essential linux-headers-$(uname -r)
```

COPY





37-) Windows'tan sanal makinemize copy-paste islemleri icin asagidaki ayar uygulanir.

