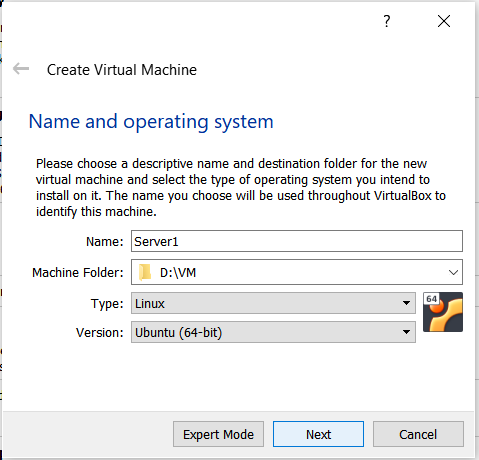
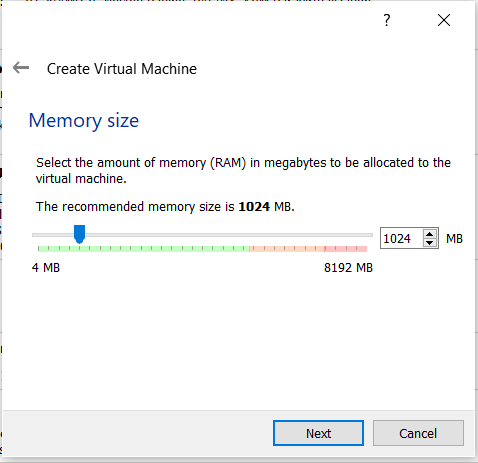
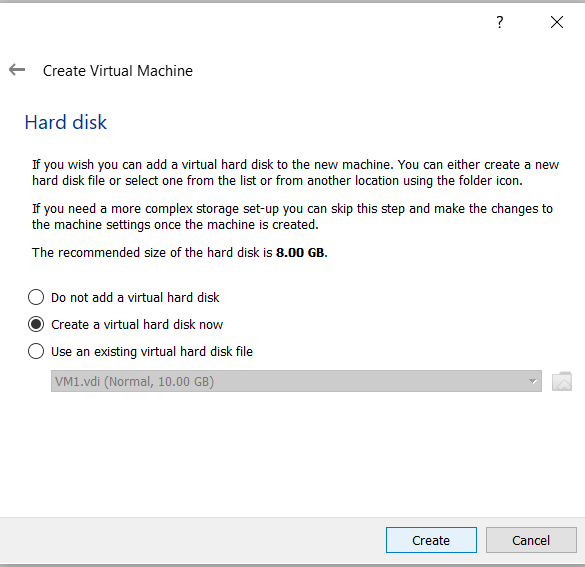
**Ex.No.3 Remote Login into a VM**

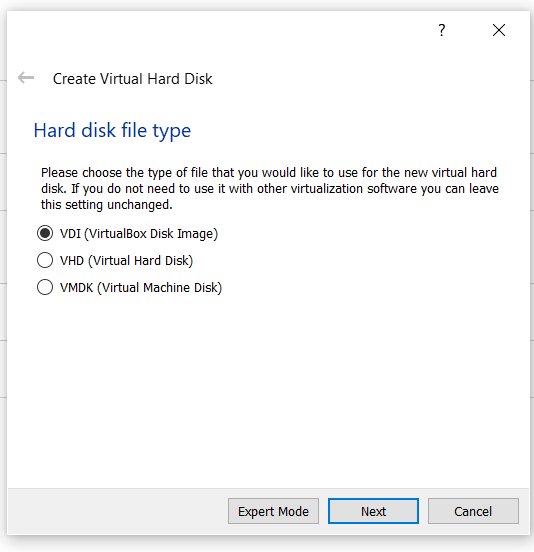
1. **Create two VMs and install Ubuntu 16.04 server**

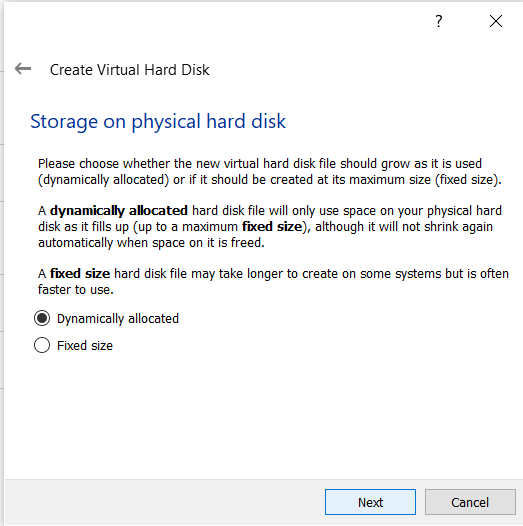
Creation of Server1:

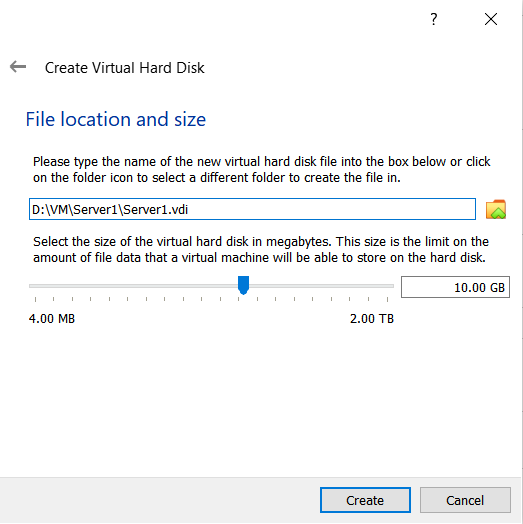




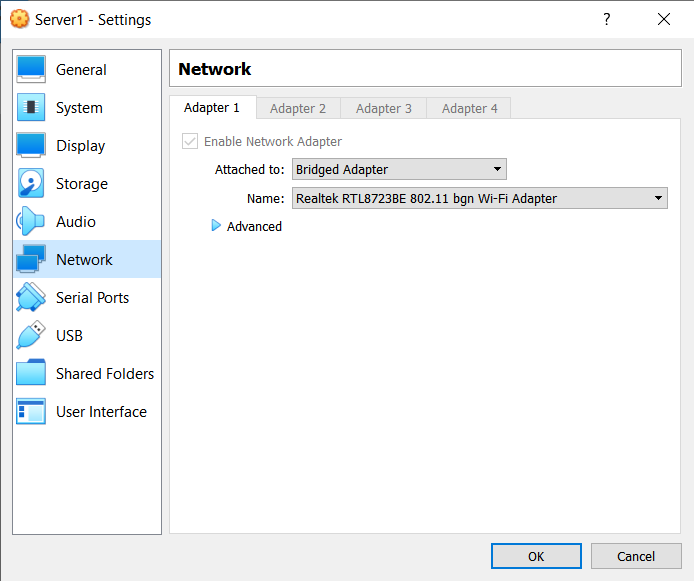


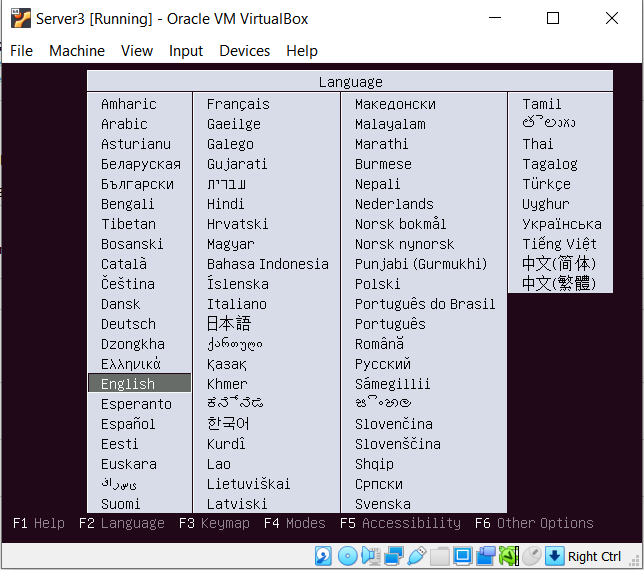


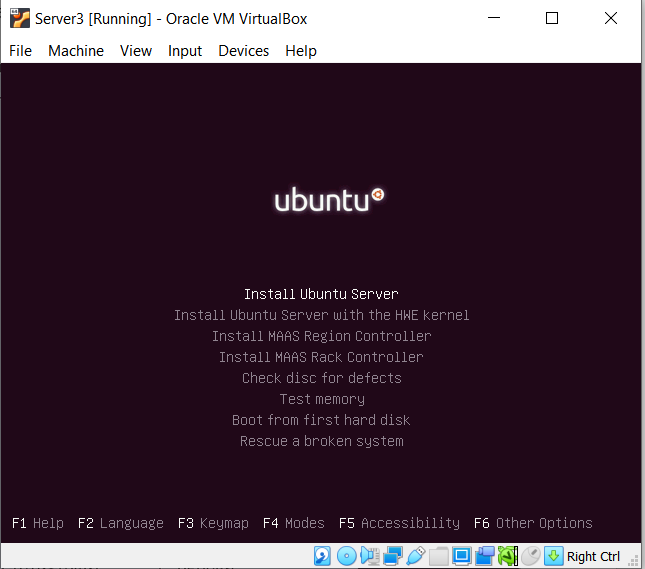


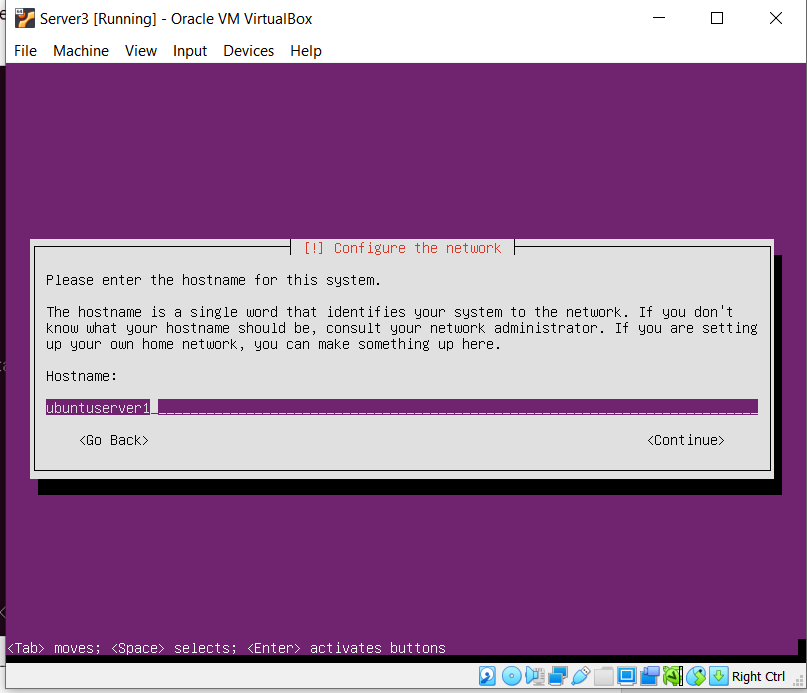


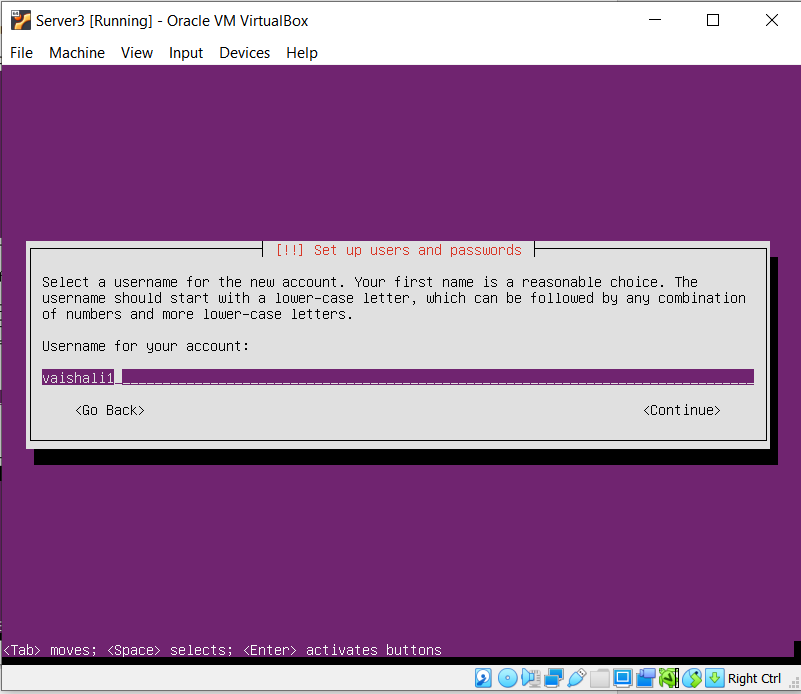
Change the network settings to Bridged adapter

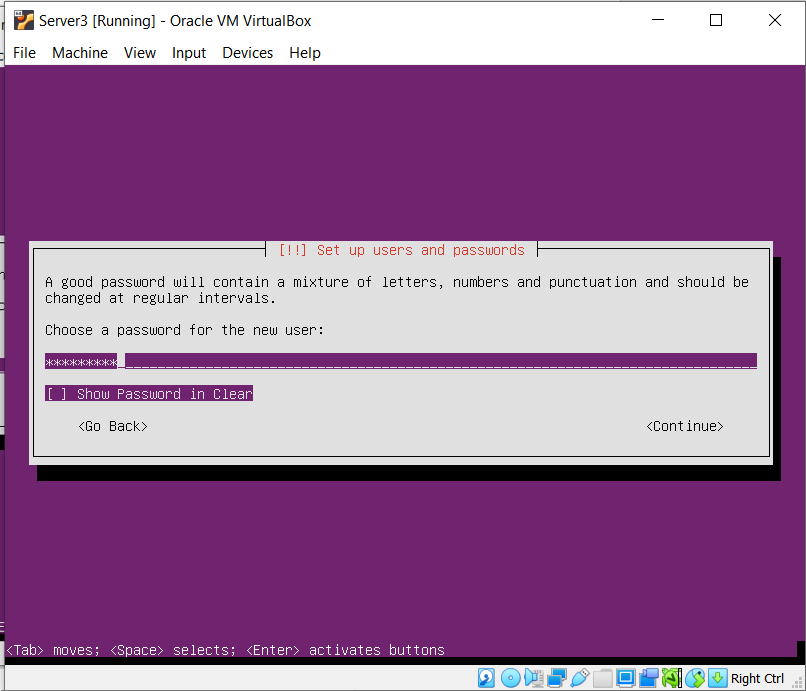




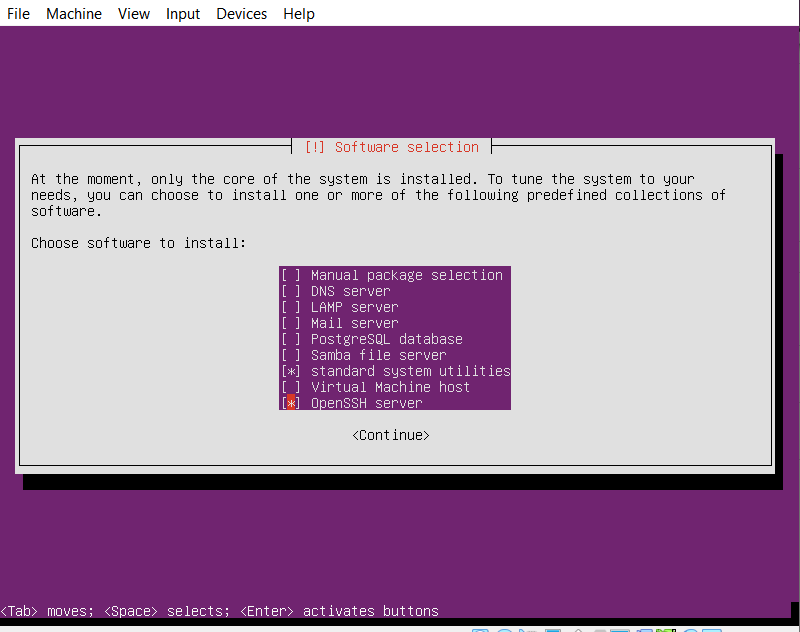








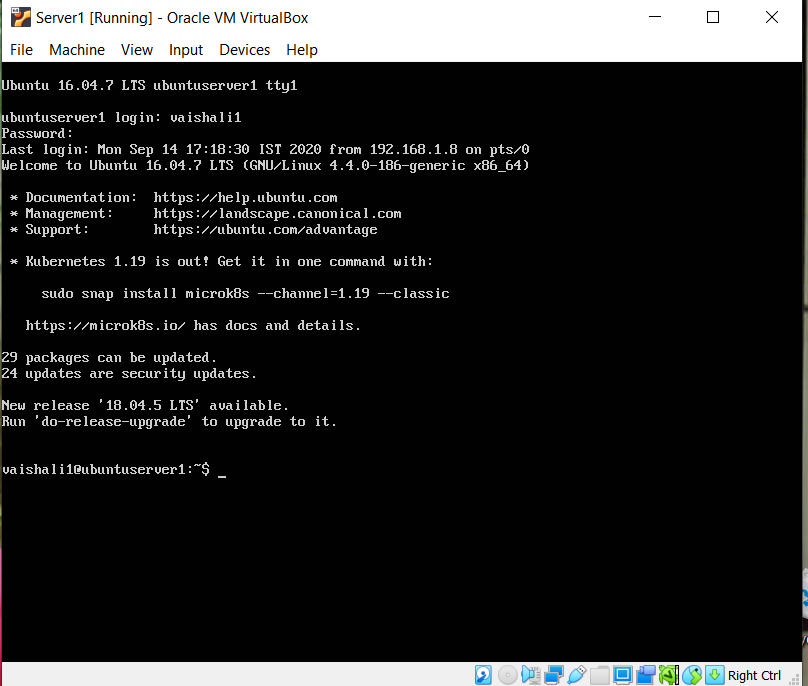
Installation of Open SSH



**VM1**

**Hostname: ubuntuserver1**

**Username:vaishali1**

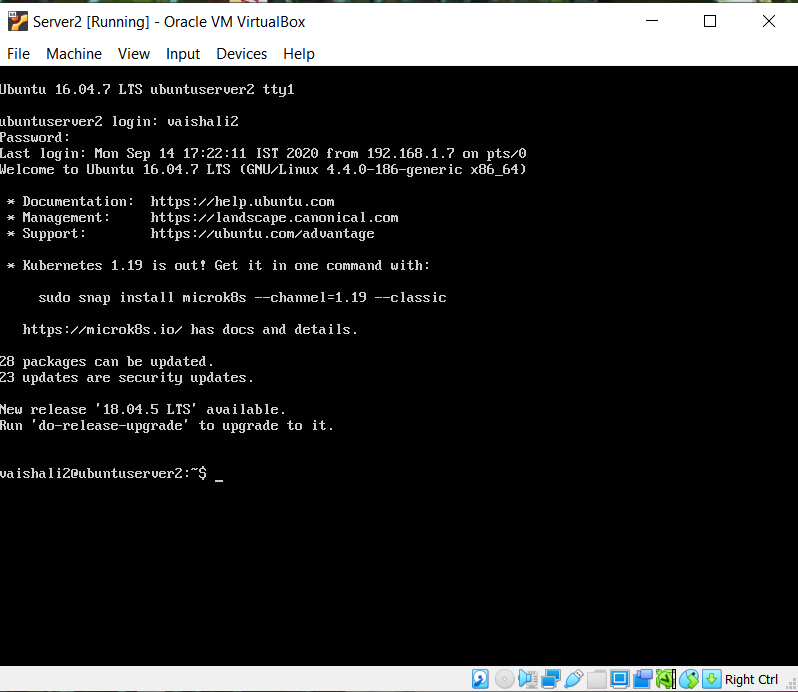


Similarly another VM is created and Ubuntu 16.04 server is installed.

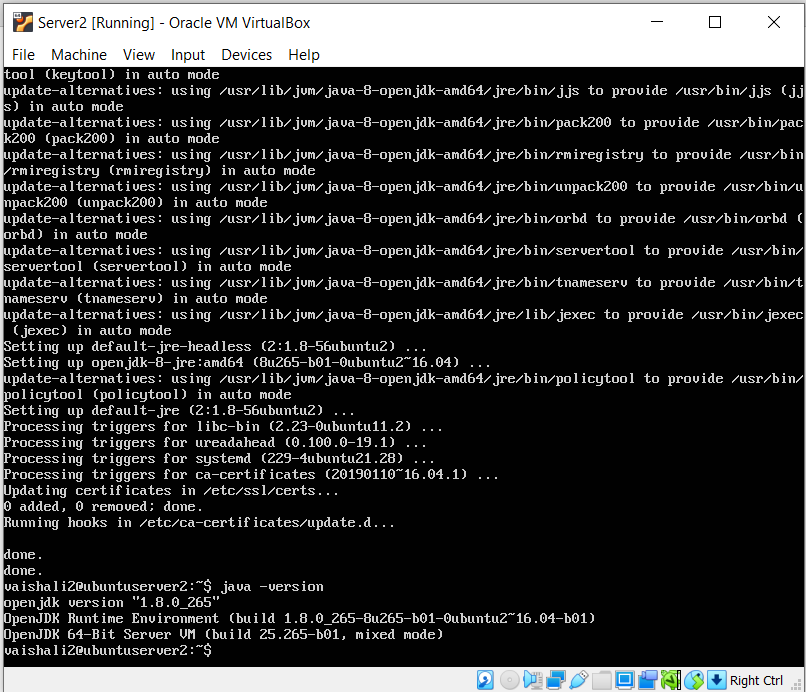
**VM2**

**Hostname: ubuntuserver2**

**Username:vaishali2**

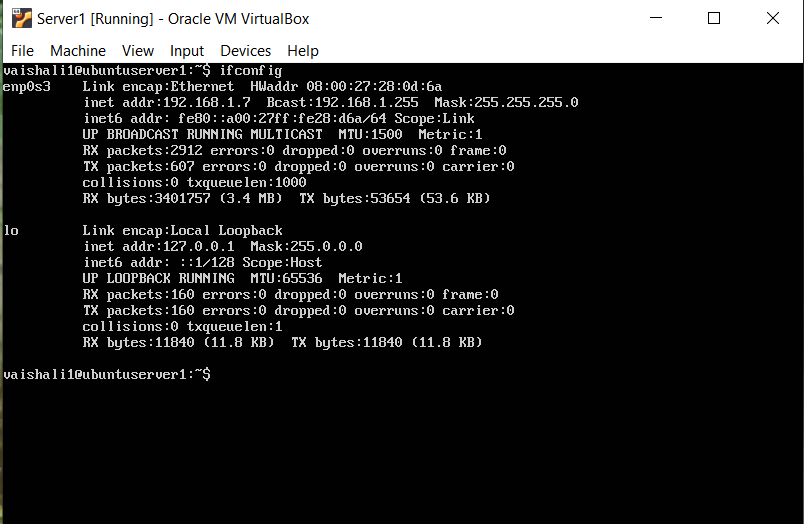


**JDK installation in VM2**



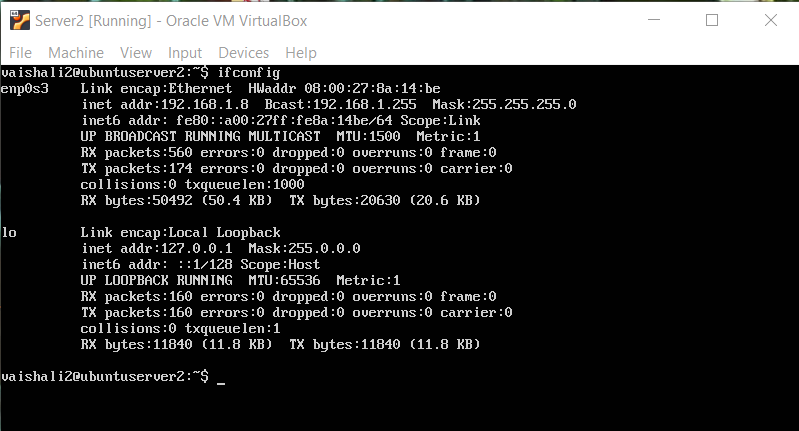
**ifconfig in VM1**

IP address of VM1 is 192.168.1.7



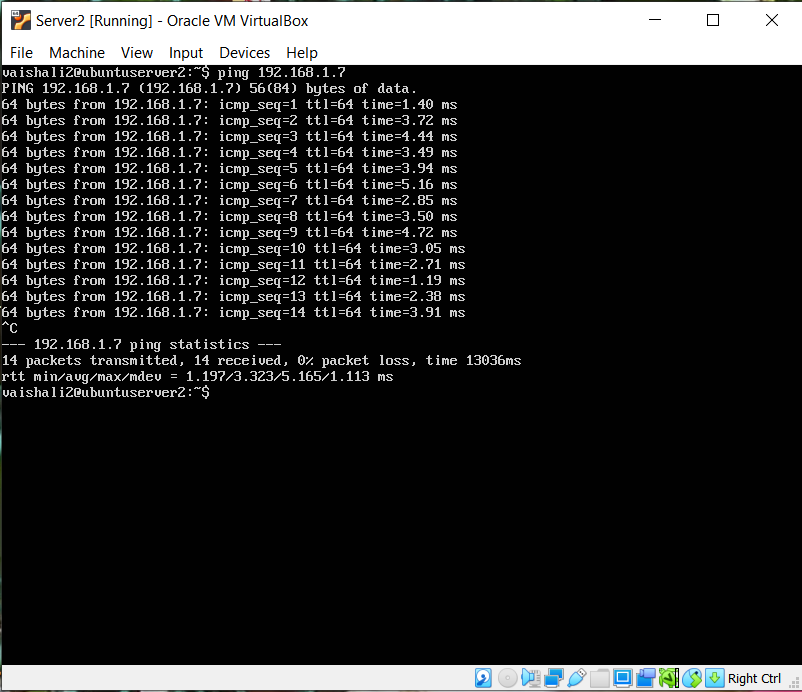
**ifconfig in VM2**

IP address of VM1 is 192.168.1.8

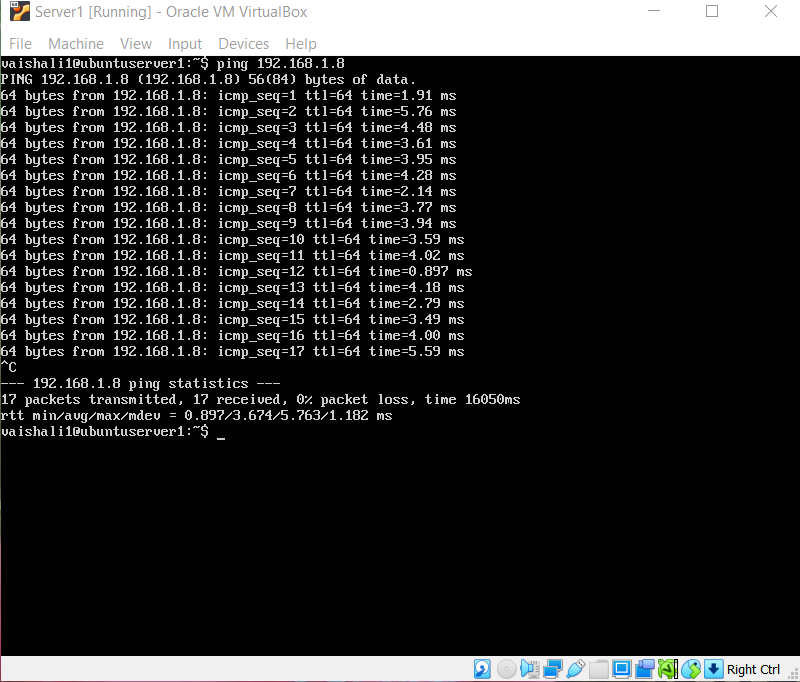


1. **Remote login with password**

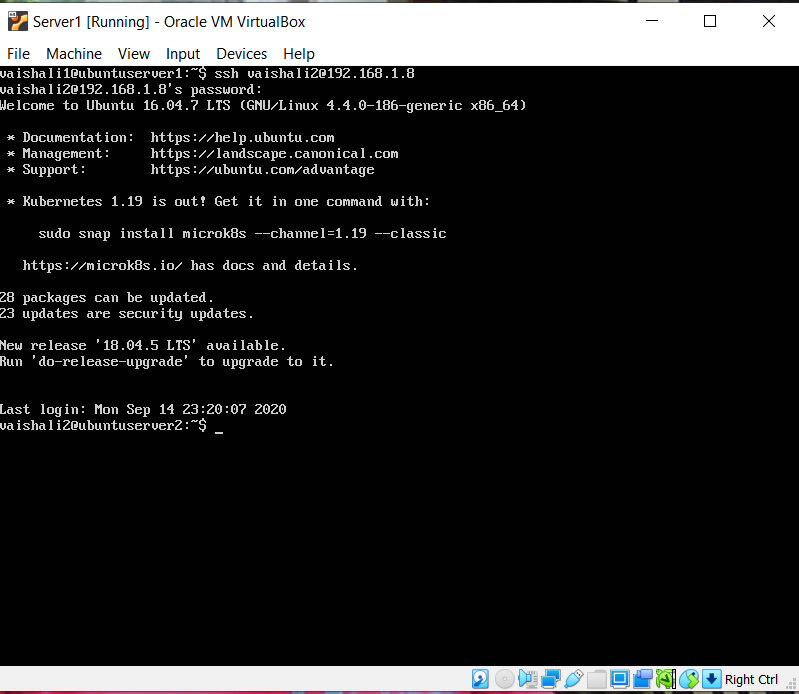
* Ping VM1 from VM2



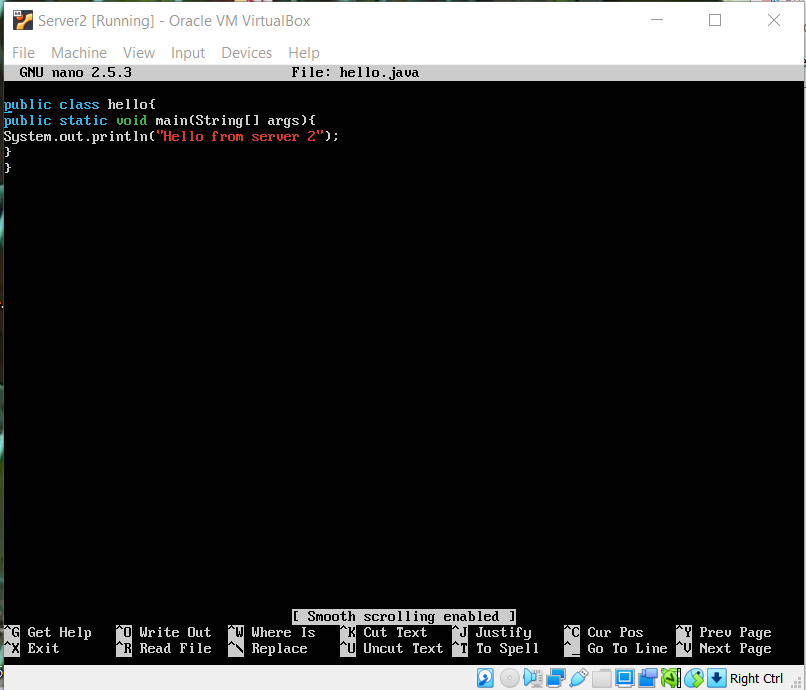
* Ping VM2 from VM1



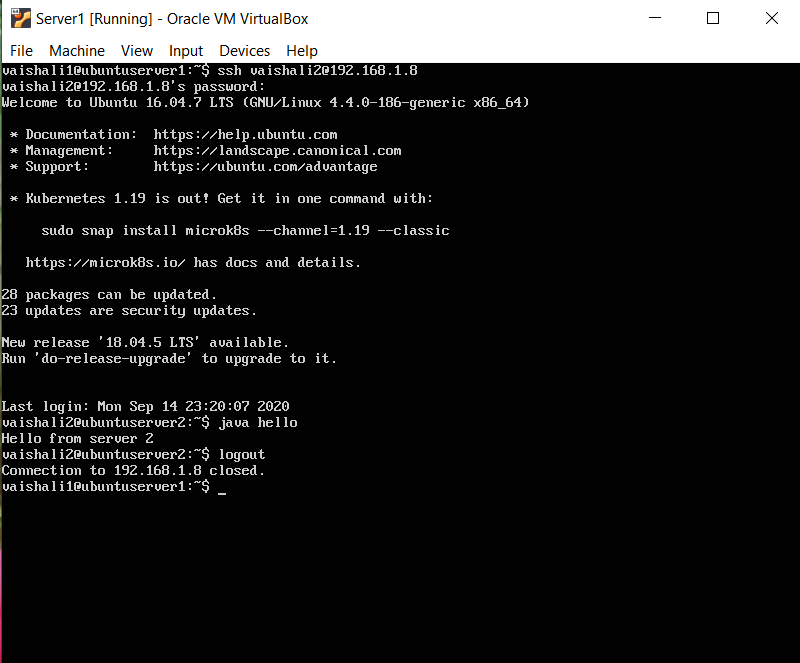
* **Remote login to VM2 from VM1 using SSH (with password)**



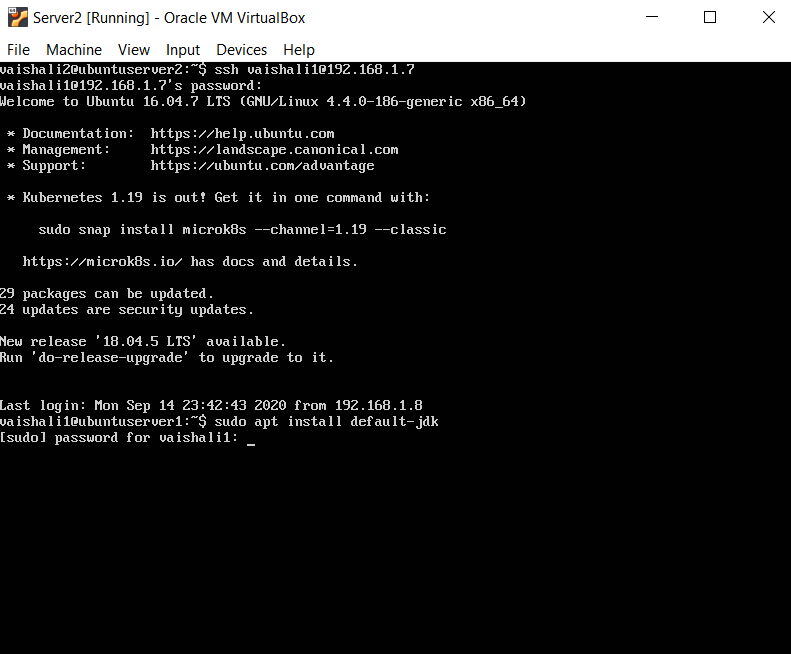
* **hello.java in VM2**

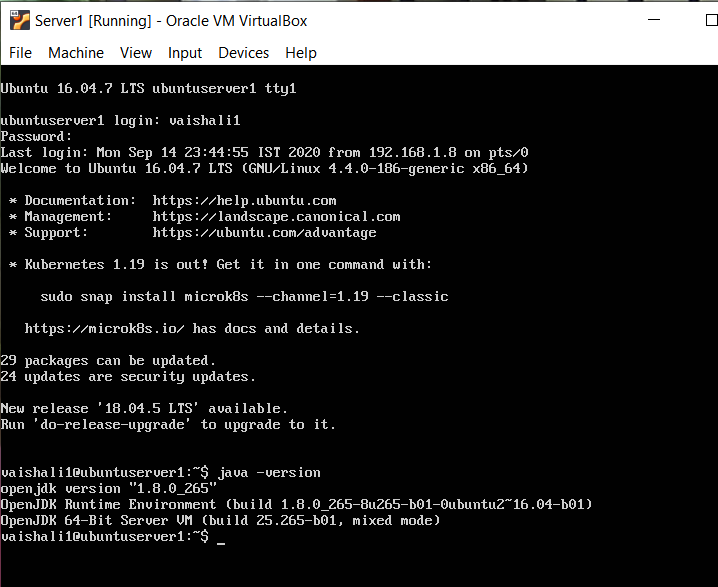


* **Execution of hello.java in VM2 from VM1**



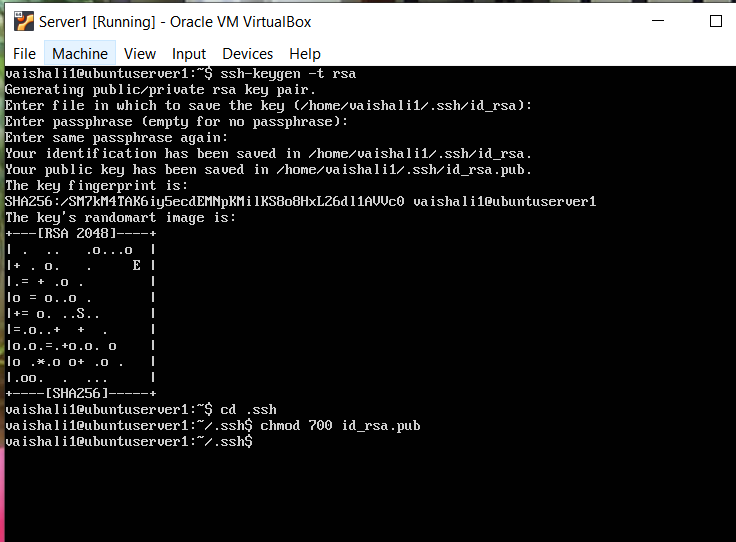
* **Installation of java in VM1 from VM2**





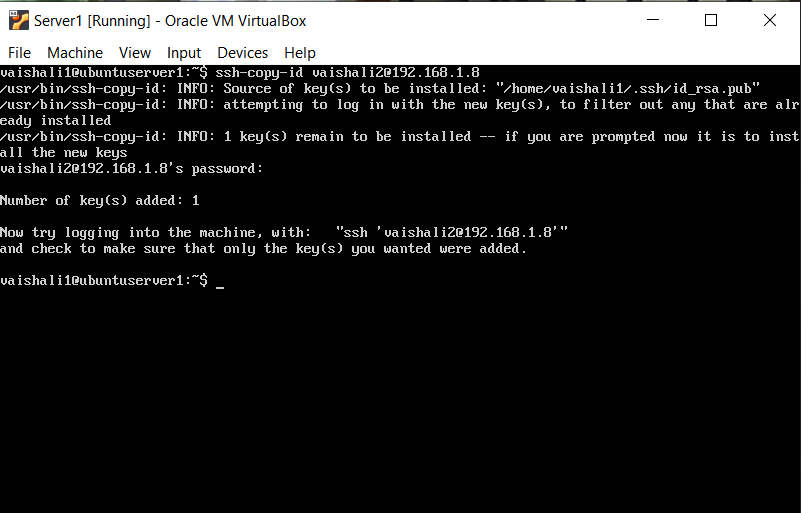
1. **Remote login without password**

* Create ssh-keypair using the command $ ssh-keygen –t rsa and change permission for id\_rsa.pub as 700.



* Copy authorized\_keys / id\_rsa.pub into VM2 using the command

$ ssh-copy-id <UsernameVM2>@<IP\_Address\_VM2>



* Remote login into VM2 from VM1 $ ssh <usernameVM2>@<IP\_Address\_VM2>

