1. Download the tar from given link/directory

<https://drive.google.com/drive/folders/1rPbMeafMcmtRDOgw8NX2NV7nufgZtg_f?usp=sharing>

Copy this tar to your $HOME dir directory

| cp ~/Downloads/bootcamp.tar.xz $HOME |
| --- |

2. run tar command from console

| tar -xvf bootcamp.tar.xz |
| --- |

3. Run below commands

| ln -s ~/bootcamp/installs ~/installs |
| --- |
| ln -s ~/bootcamp/installAll ~/installAll |
| ln -s ~/bootcamp/installshive ~/installshive |

4. Add host entry in /etc/hosts (Ignore if already added)

| sudo nano /etc/hosts |
| --- |

Add below entry on hosts file

| 127.0.0.1 osboxes |
| --- |

Save and close

| control +s  control +x |
| --- |

5. Execute below commands

| chmod +x ~/installAll/installAllComponents.sh |
| --- |

| ~/installAll/installAllComponents.sh |
| --- |

| ~/installs/keygen.sh |
| --- |

3. Open .bashrc and add below line at the end

| nano .bashrc |
| --- |

add below line at the bottom of .bashrc and comment the existing one if already added

| source ~/installAll/setenv.sh |
| --- |

| control +s  control +x |
| --- |

| source ~/.bashrc |
| --- |

**4. Install mysql, run below commands**

Below command will ask for password, please type **root1234** as password

| ~/installshive/installmysql.sh |
| --- |

| sudo mysql -u root -p  This is will be prompted on screen   1. Type Machine password then enter 2. Just press enter   It will open mysql prompt, Run below commands in mysql |
| --- |
| ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password by 'root1234'; |
| drop database metastore; |
| CREATE DATABASE metastore; |

| USE metastore; |
| --- |

**Note :** Please replace below $HOME by your home dir.

Ex : replace $HOME by /home/imran in below command

Please type pwd in the terminal to get the home dir.

| SOURCE **$HOME**/installshive/hive/scripts/metastore/upgrade/mysql/hive-schema-3.1.0.mysql.sql; |
| --- |

| SHOW TABLES; |
| --- |
| quit; |

**5. Install mysql driver**

| wget https://dev.mysql.com/get/Downloads/Connector-J/mysql-connector-java\_8.0.29-1ubuntu20.04\_all.deb |
| --- |
| sudo apt-get update  sudo apt install ~/installshive/mysql-connector-java\_8.0.29-1ubuntu20.04\_all.deb |
| sudo unlink /usr/share/java/mysql-connector-java.jar |
| sudo ln -s /usr/share/java/mysql-connector-java-8.0.29.jar /usr/share/java/mysql-connector-java.jar |
| sudo unlink ~/hive/lib/mysql-connector-java.jar |
| sudo ln -s /usr/share/java/mysql-connector-java.jar ~/hive/lib/mysql-connector-java.jar |

| sudo ls /usr/lib/jvm |
| --- |

Check above command output if **java-8-openjdk-amd64 exist then nothing to do otherwise check** if java-8-openjdk-arm64 exist then run below command

| sudo ln -s /usr/lib/jvm/java-8-openjdk-arm64 /usr/lib/jvm/java-8-openjdk-amd64 |
| --- |

Run below commands only once while you are installing the hadoop, This will delete all the data from hadoop.

| ~/installs/formatNamenode.sh |
| --- |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* **To Start Components** \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

6. All the start and stops commands to start and stop the components

| ~/installs/stopHadoop.sh  ~/installs/startHadoop.sh |
| --- |
| Note : To start hive please start hadoop first, If not already started  ~/installshive/startHive.sh  ~/installshive/stopHive.sh |
| ~/installAll/kafka\_install/start-kafka.sh  ~/installAll/kafka\_install/stop-kafka.sh |
| Note : To start hbase please start hadoop first, If not already started  ~/installAll/hbase\_install/start-hbase.sh  ~/installAll/hbase\_install/stop-hbase.sh |
|  |