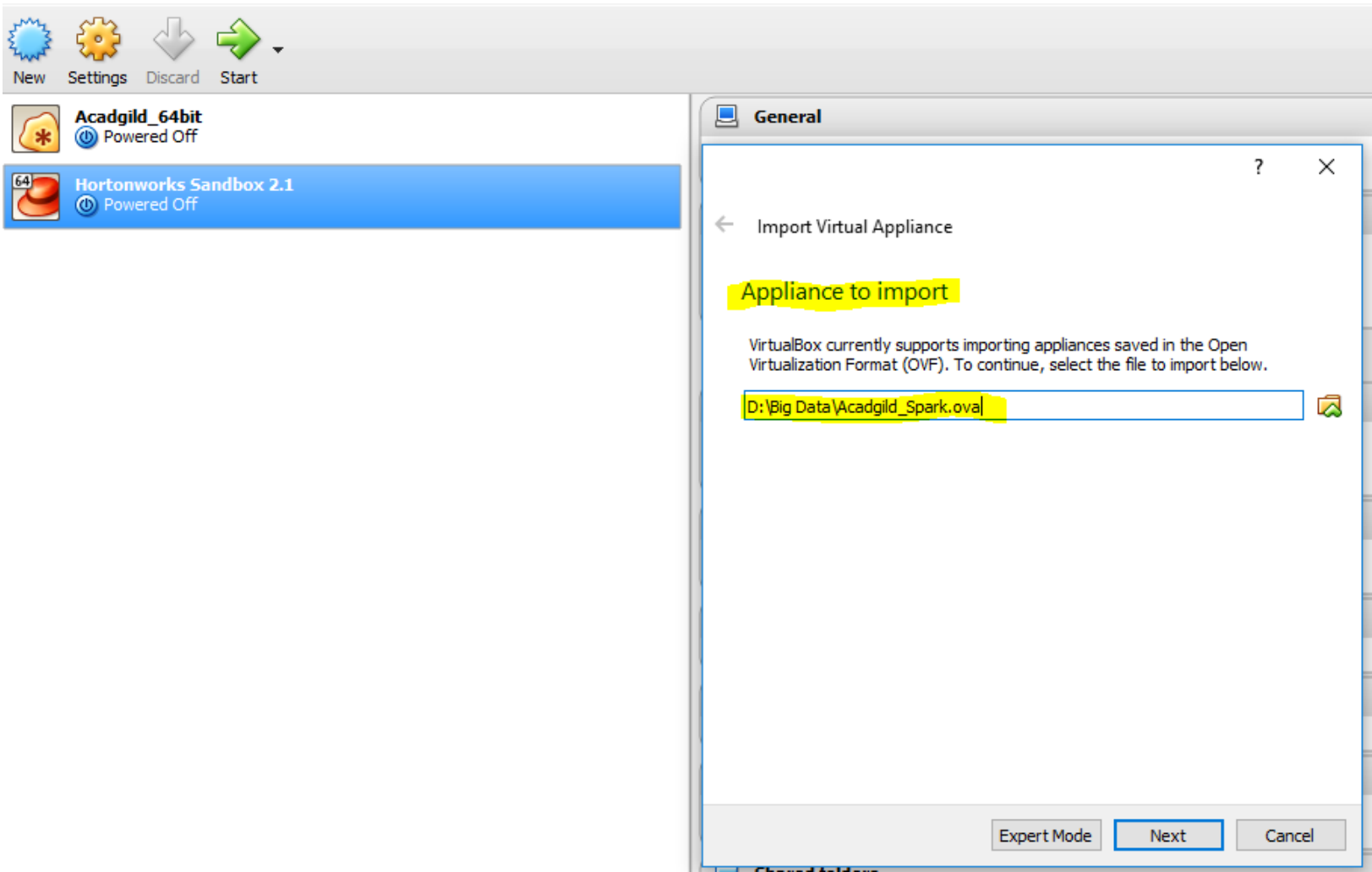
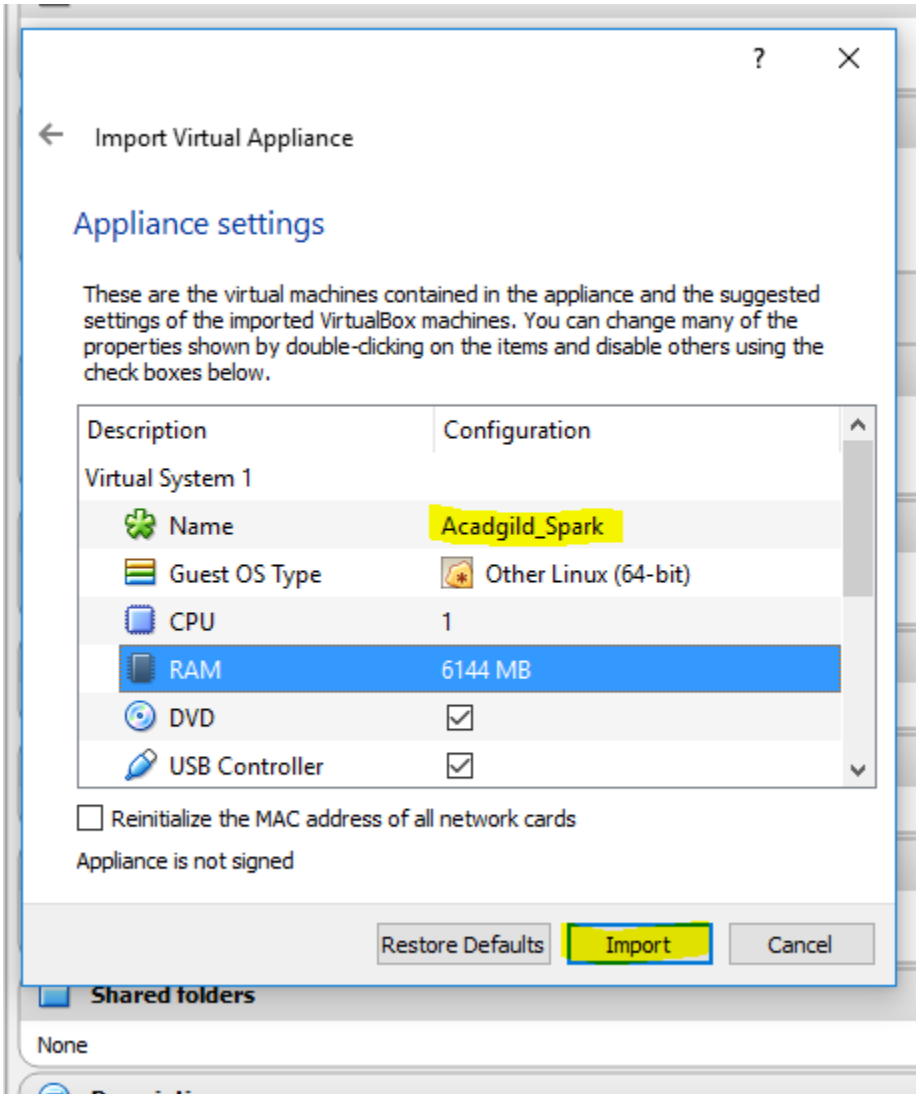


**Importing Acadgild SparkVM using Oracle VM**

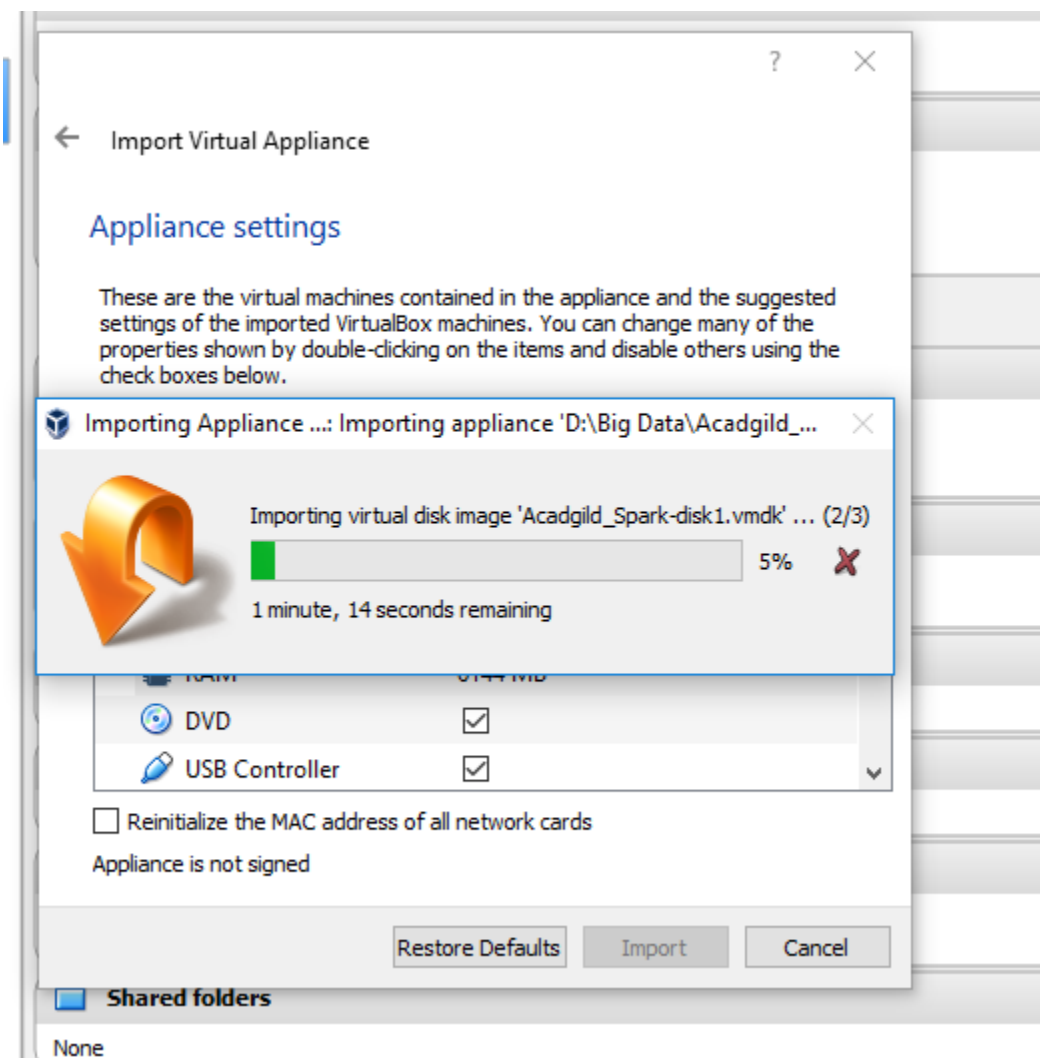
- 1. We have downloaded Acadgild\_SparkVM and Oracle Virtual Box Manager. Now we are importing the Acadgild\_Spark.ova file to Oracle Virtual Box Manager as shown below-



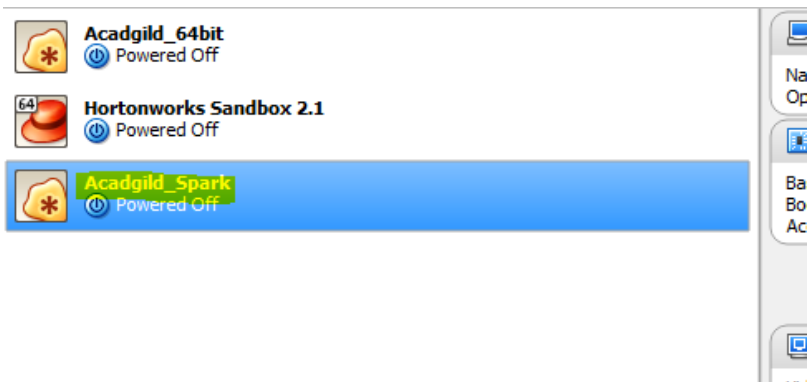
- 2. Since it requires good amount of RAM, I have assigned 6144 MB of RAM to it and Importing it-



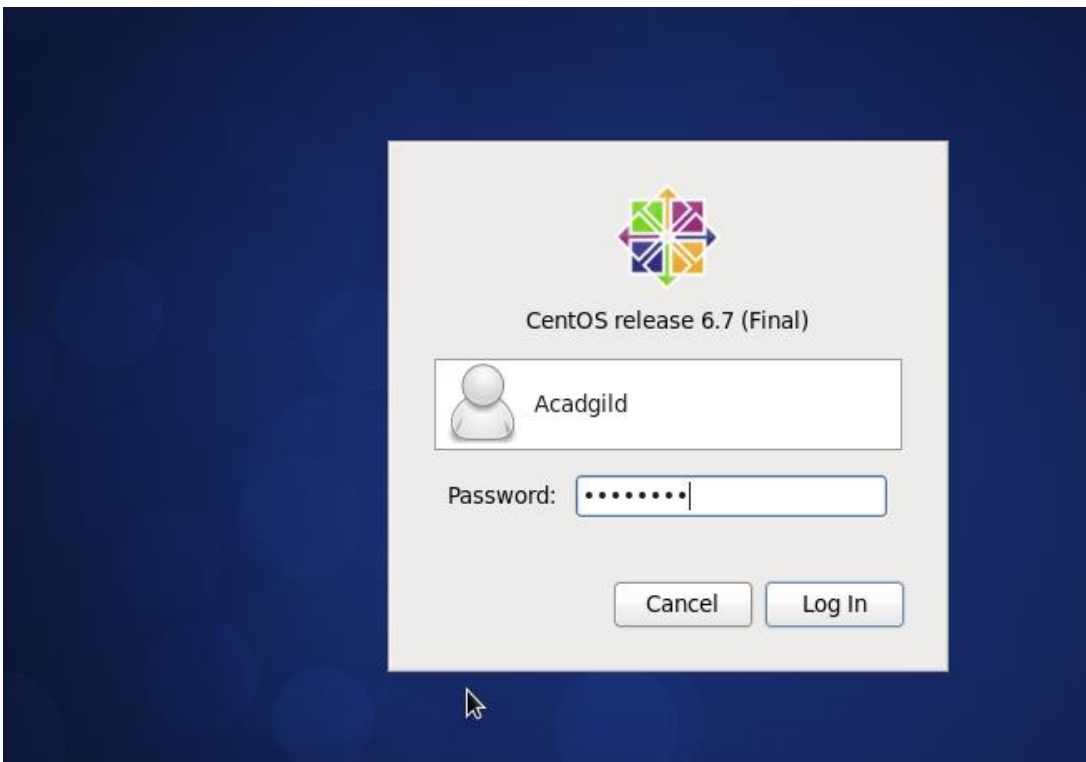
3. After assigning RAM click on IMPORT-



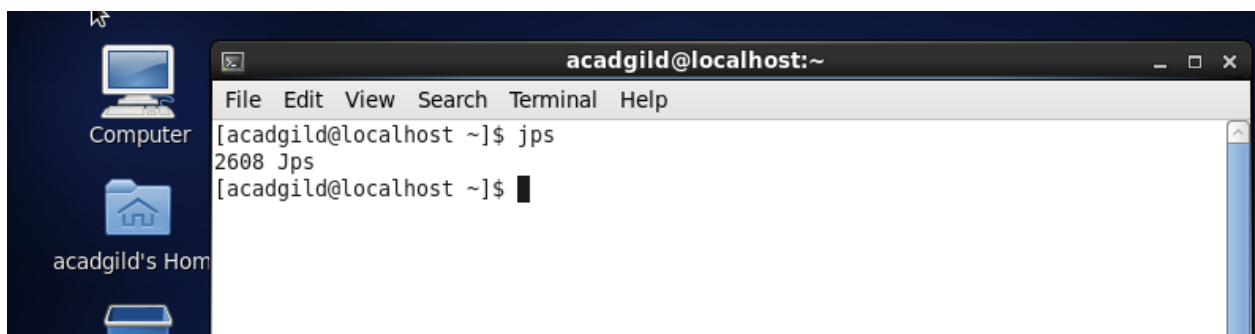
Once the import completes we can see the VM inside Oracle Virtual Box Manager-



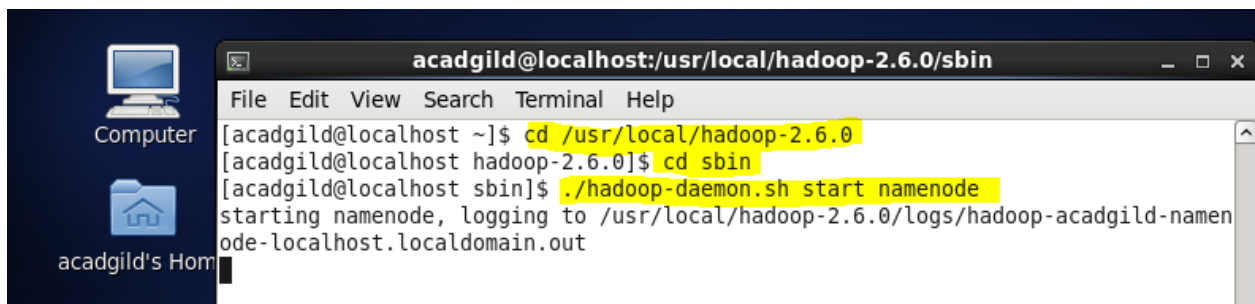
4. Go inside the VM and login to it-



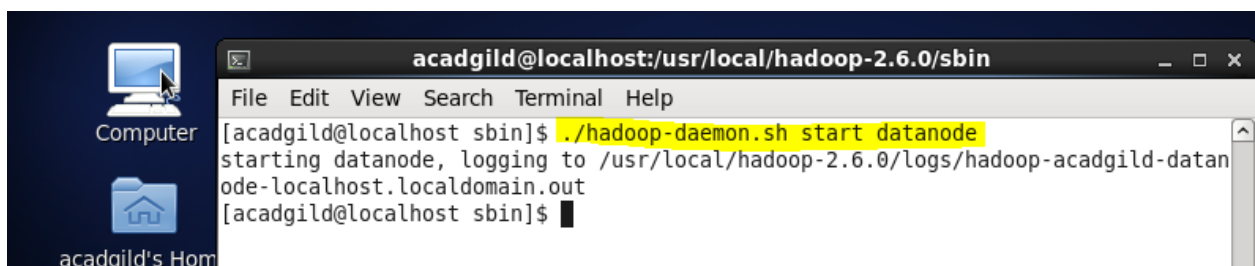
5. We do a `jps` to see what services are running. It seems no hadoop daemons have been started.



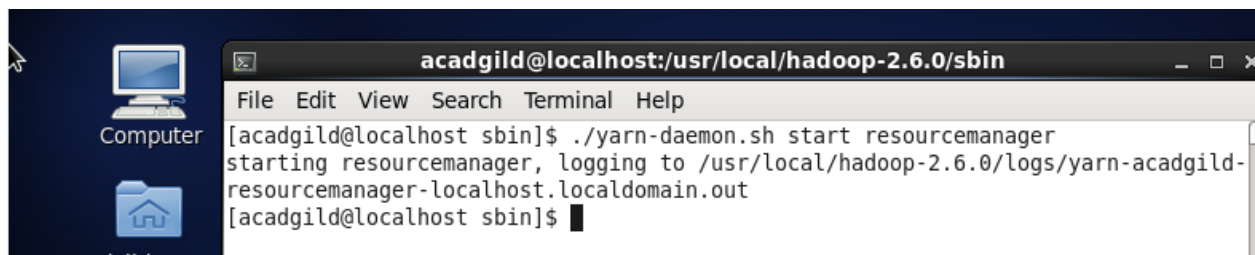
6. We go to directory `/usr/local/hadoop-2.6.0` and then go to `sbin` library inside that. We are then starting namenode by using below command-  
`./hadoop-daemon.sh start namenode`



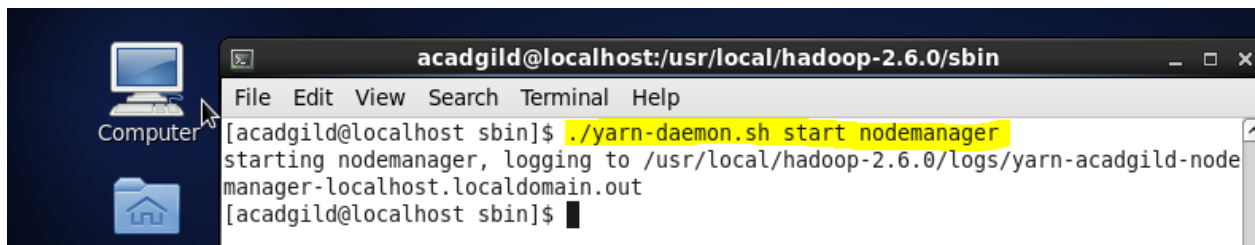
7. We remain in the library  
We are then starting **datanode** by using below command-  
`./hadoop-daemon.sh start datanode`



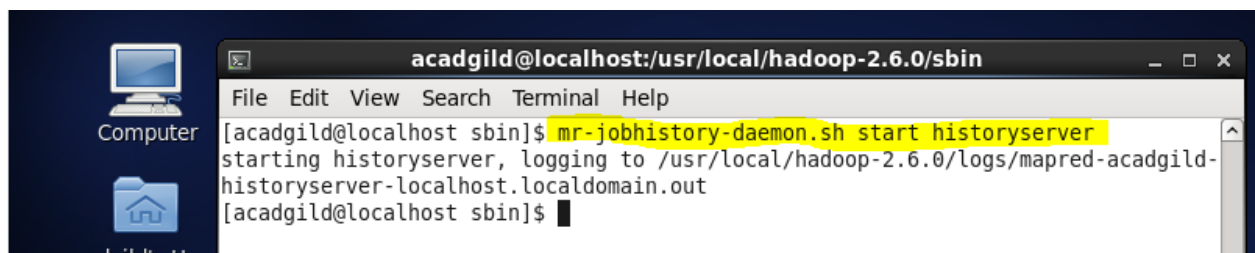
8. Inside same library we will start **resourcemanager** using below command  
`./hadoop-daemon.sh start resourcemanager`



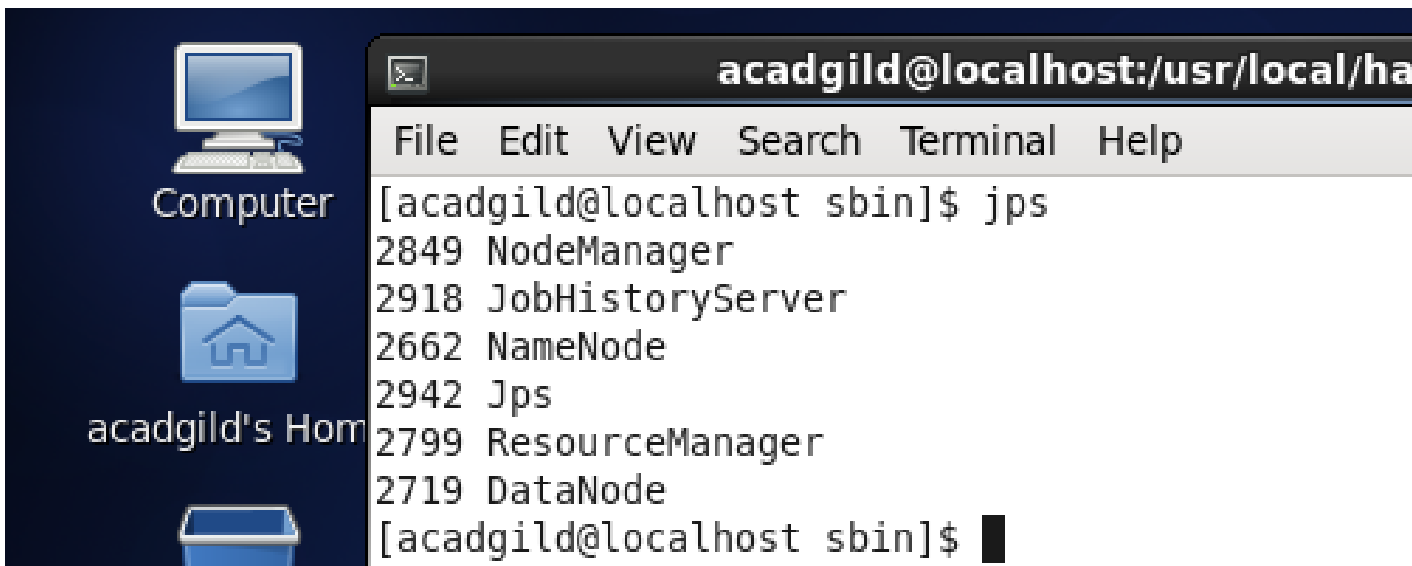
9. Inside same library we will start **nodemanager** using below command  
`./hadoop-daemon.sh start nodemanager`



10. Inside same library we will start **historyserver** using below command  
`./mr-jobhistory-daemon.sh start historyserver`



11.Now we can see that below services are running-

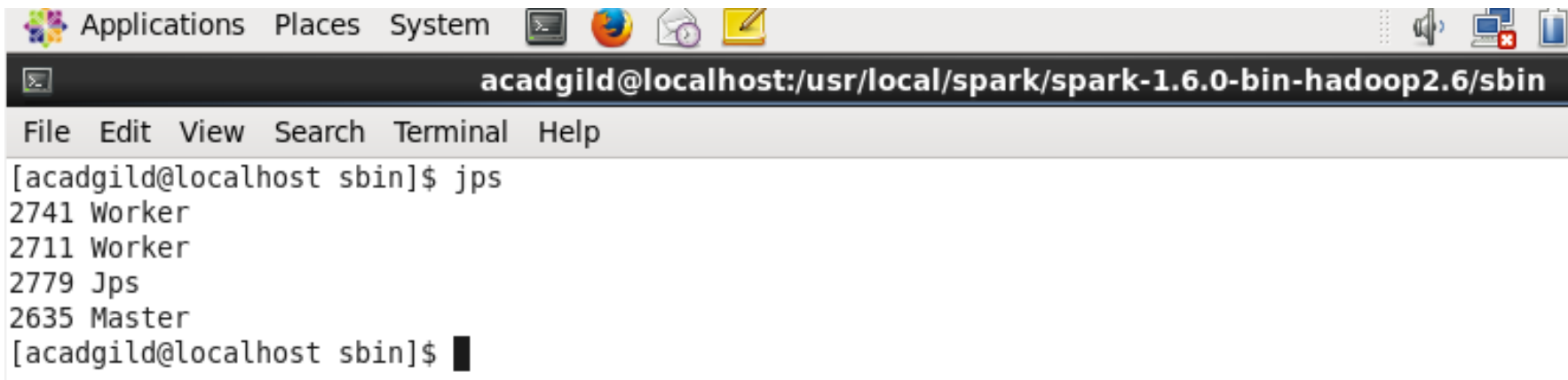


Now we will start Spark Daemons- Masters, Workers

12.We will move to /usr/local/spark library and move to sbin folder inside it and start master and slave daemons-



We can see master and slave daemons running on doing a jps-



We can also use eclipse to work on-

