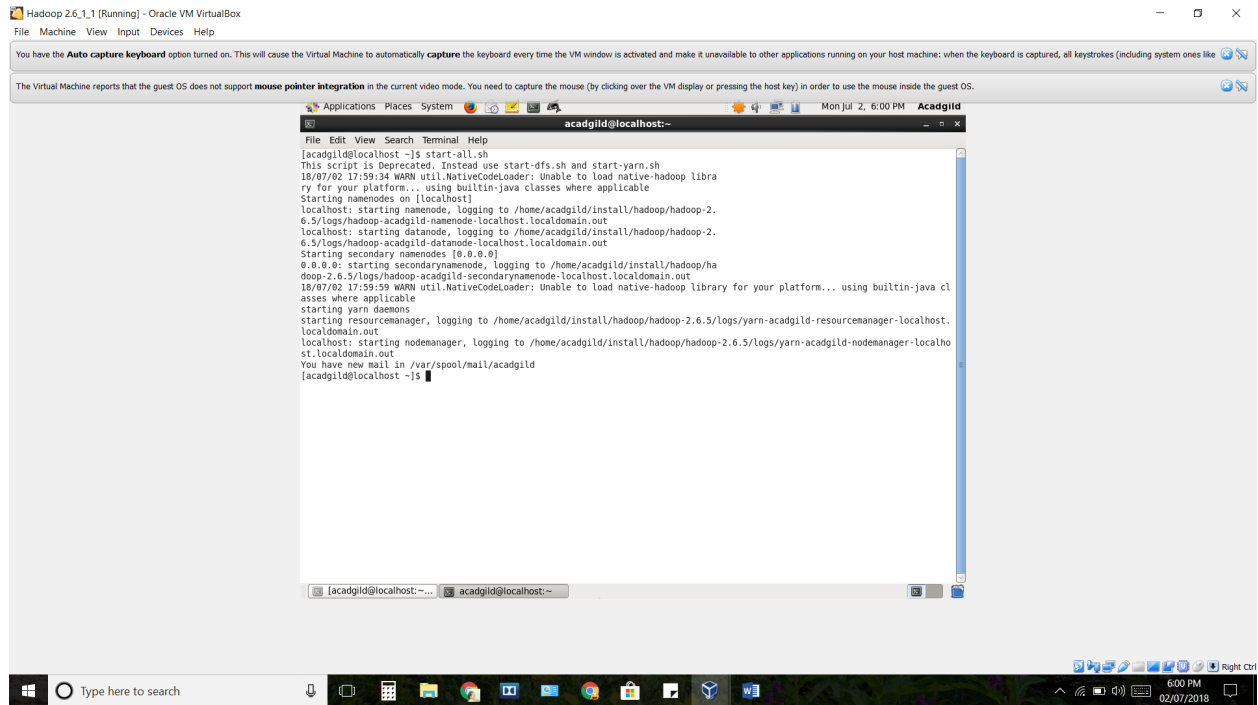


## Big Data Hadoop 'Assignment One'

### Tasks

#### 1. Start Hadoop on Acadgild VM

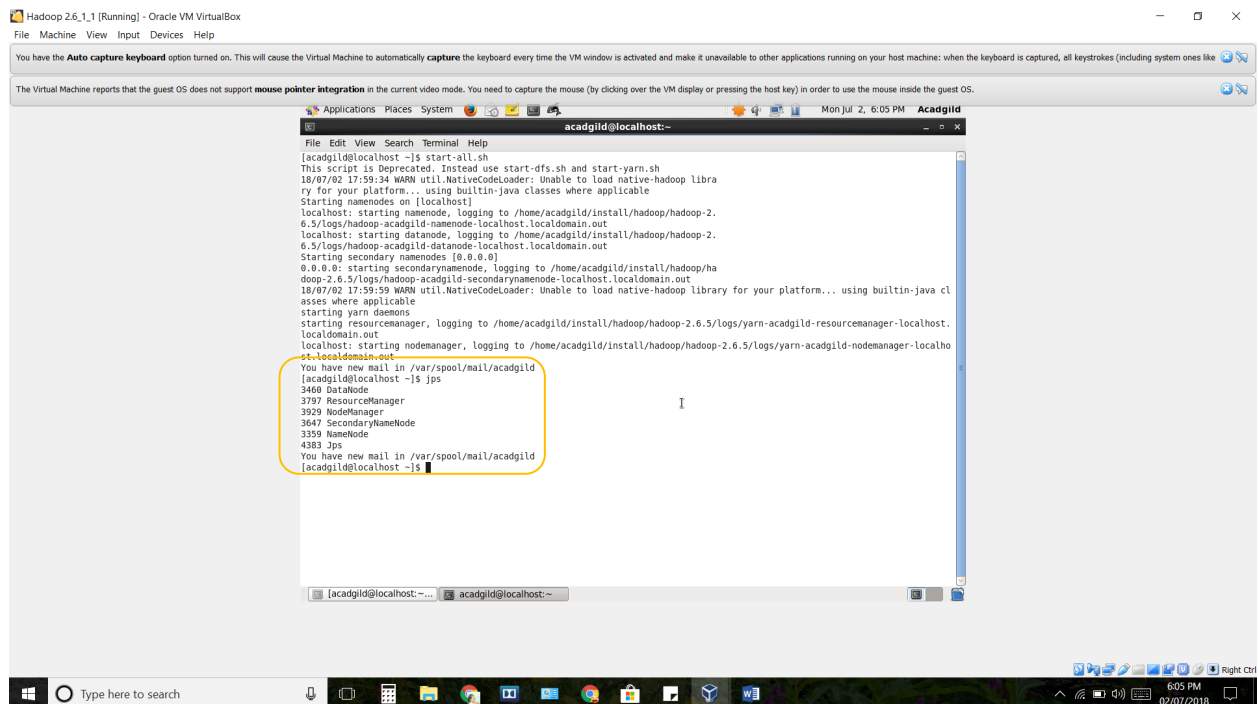
*Command Start-all.sh---to start hadoop*



```
[acadgild@localhost ~]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
18/07/02 17:59:34 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Starting namenodes on [localhost]
localhost: starting namenode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-namenode-localhost.localdomain.out
localhost: starting datanode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-datanode-localhost.localdomain.out
Starting secondary namenodes [0.0.0.0]
0.0.0.0: starting secondarynamenode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-secondarynamenode-localhost.localdomain.out
18/07/02 17:59:59 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Starting yarn daemons
starting resourcemanager, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/yarn-acadgild-resourcemanager-localhost.localdomain.out
localhost: starting nodemanager, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/yarn-acadgild-nodemanager-localhost.localdomain.out
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

## 2. JPS command to check all Hadoop daemons are running

Command `jps`—to check all Hadoop daemons are up and running



## 3. Use UNIX Commands

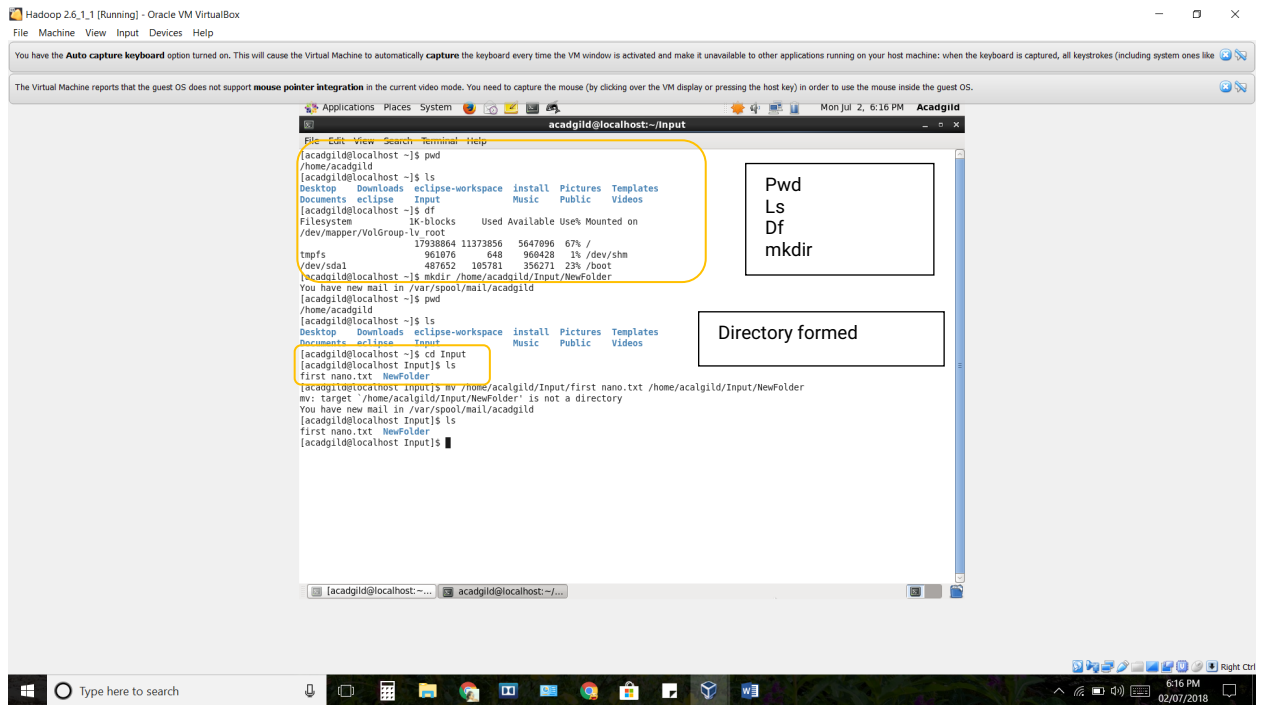
*Commands used below*

`pwd` –to check current directory location

`ls`-list all file in current location

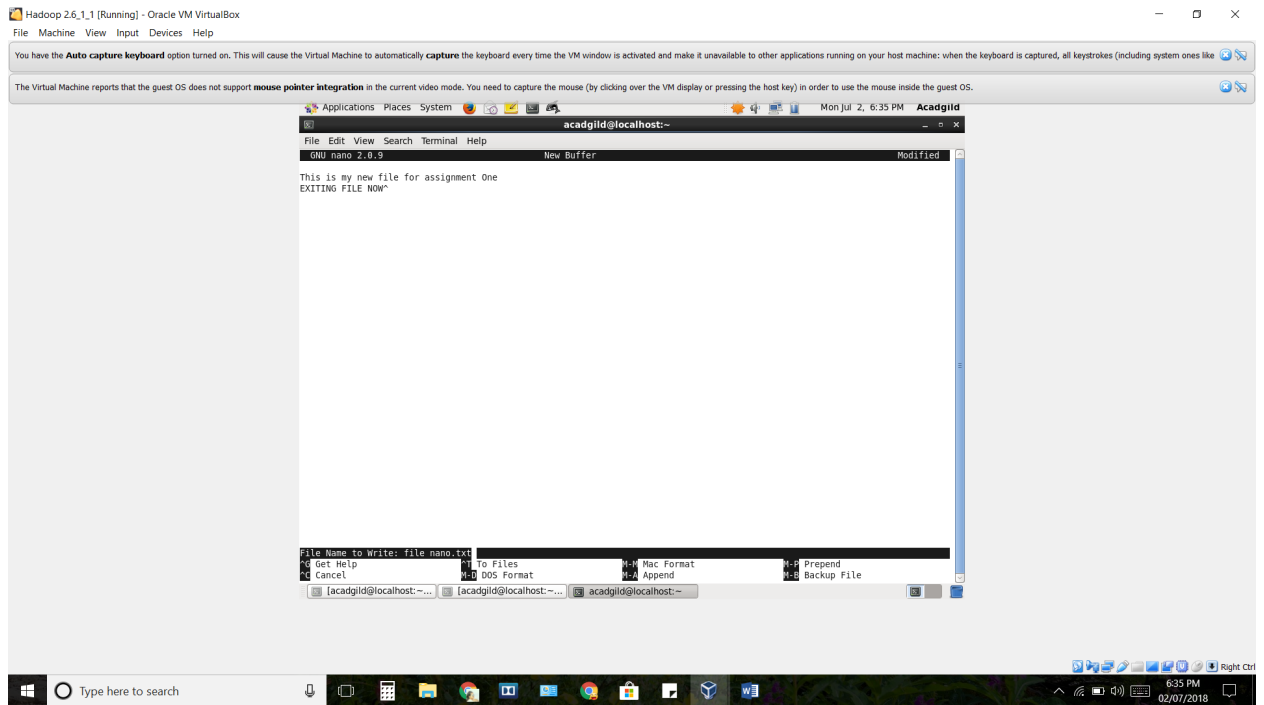
`df`- to display the amount of available disk space for file systems

`mkdir`-make new directory NewFolder directory formed

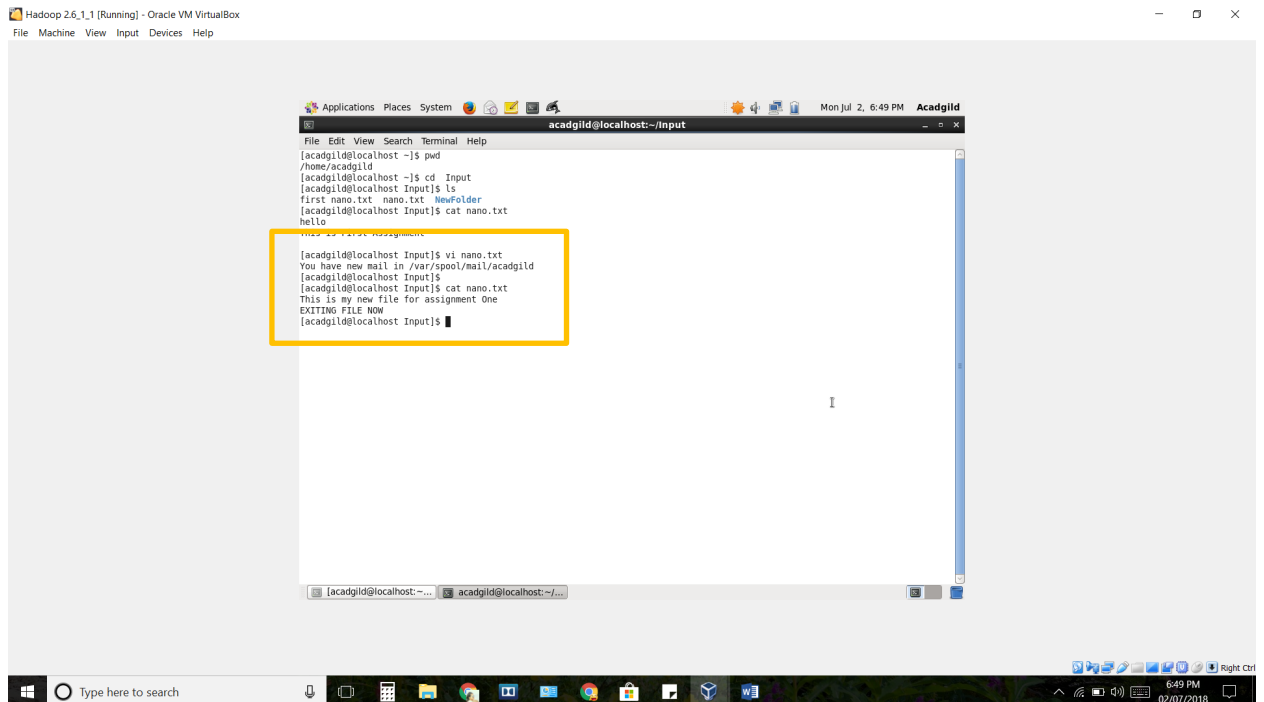


#### 4. Create file using Nano Editor, add some contents and cat if content is saved


- Open nano editor –using nano command
- Wrote file content
- Exited using ^X
- Saved File



- Used cat command to view file content



5. Type localhost:50070 in browser to check all HDFS details

Applications Places System  Mon Jul 2, 6:54 PM **Acadgild**

Namenode information - Mozilla Firefox

Welcome to CentOS x / Namenode information x +

localhost:50070dfshealth.html#tab-overview

Search

Hadoop Overview Datanodes Snapshot Startup Progress Utilises -

### Overview 'localhost:8020' (active)

Started:	Mon Jul 02 17:59:41 IST 2018
Version:	2.6.5, re8c9fe0b4c252caf2ebf1464220599650f119997
Compiled:	2016-10-02T23:43Z by sjlee from branch-2.6.5
Cluster ID:	CID-7b3f9bd8-f34c-4fb8-87aa-476b6dfbd809
Block Pool ID:	BP-437583619-127.0.0.1-1517555661954

### Summary

Security is off.  
Safemode is off.  
26 files and directories, 3 blocks = 29 total filesystem object(s).

Firefox automatically sends some data to Mozilla so that we can improve your experience. Choose What I Share

[acadgild@localhost:~]\$ Namenode informatio...