# **Assignment 1**

1. Start Hadoop Single Node in Acadgild VM.

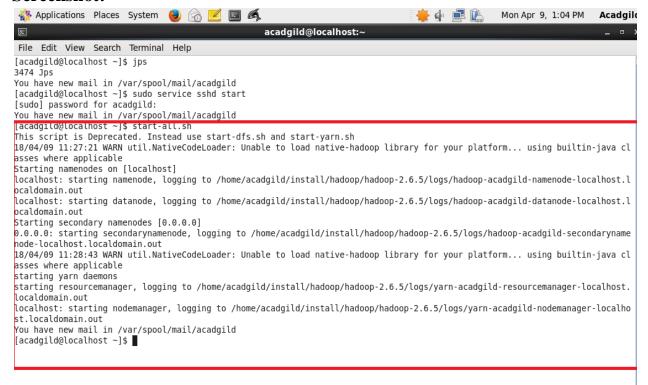
Command: start-all.sh

**Explanation: used to start Hadoop deamons** 

 $[Data Node, Name Node, Secondary\ Name Node, Node\ Manager, Resource$ 

Manager]

# **Screenshot:**



# 2. Run JPS command to see the deamons running:

**Command: jps** 

Explanation: used to check the running hadoop deamons in the machine.

## **Screenshot:**

```
asses where applicable
starting yarn daemons
starting resourcemanager, logging to /home/acadgild/install/hado
localdomain.out
localhost: starting nodemanager, logging to /home/acadgild/insta
st.localdomain.out
You have new mail in
                       /var/spool/mail/acadgild
[acadgild@localhost ~]$ jps
7824 Jps
1128 ResourceManager
3765 DataNode
1229 NodeManager
3671 NameNode
3944 SecondaryNameNode
rou have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

## 3. Run Unix command:

• ls:

Explanation: lists all the files (or) directories in the current directory.

## **Screenshot:**



• mkdir:

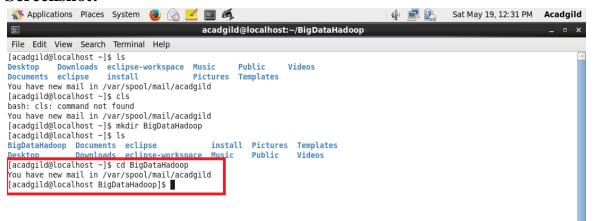
Explanation: used to create a directory Screenshot:



#### • cd:

**Explanation: used to change the directory.** 

# **Screenshot:**



# • pwd:

# **Explanation: Displays the present Working Directory Screenshot:**



## • cp:

Explanation: Used to Copy the file contents of one file to another Note: In the below screen copyex.txt does not replace Examplle1.txt.

#### **Screenshot:**

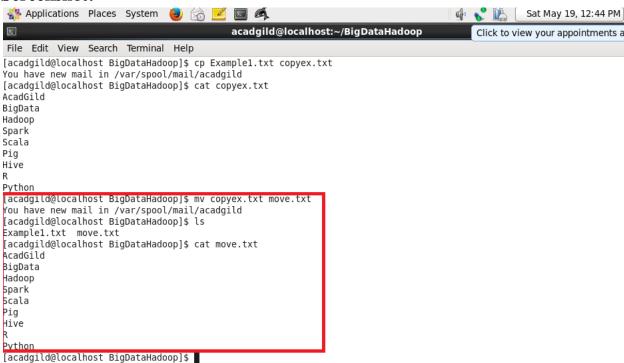


#### • mv:

Explanation:Used to move the contents of one file to another.

Note: In the below screen move.txt replaces copyex.txt.

# **Screenshot:**



• rm:

Explanation: Used to remove the file from a directory. Rmdir is used to remove the directory

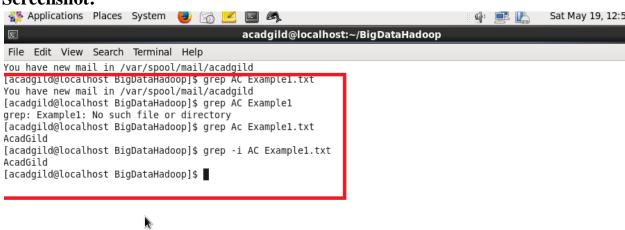
**Screenshot:** 



• grep:

**Explanation:** Used to search a file pattern.

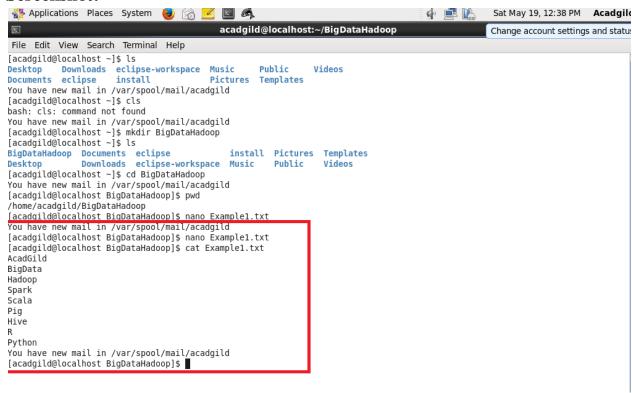
**Screenshot:** 



4. Create a file using nano editor and add few data. Display the contents of the file using cat command.

# Explanation: Nano command is used to create a new file. Cat command is used to display the contents of the file.

#### **Screenshot:**



5. Open hdfs web page by typing localhost:50070 in the browser. Check all the details of HDFS

