

Tasks Assignment

1. start-all.sh

script used to start all the daemons

```
[acadgild@localhost ~]$ sudo service sshd start
```

```
[sudo] password for acadgild:
```

```
You have new mail in /var/spool/mail/acadgild
```

```
[acadgild@localhost ~]$ start-all.sh
```

This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh

```
18/05/17 10:11:55 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
```

```
18/05/17 10:12:19 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
```

```
[acadgild@localhost ~]$ pwd
```

```
/home/acadgild
```

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ sudo service sshd start  
[sudo] password for acadgild:  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$ start-all.sh  
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh  
18/05/17 10:11:55 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl  
asses where applicable  
Starting namenodes on [localhost]  
localhost: starting namenode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-namenode-localhost.l  
ocaldomain.out  
localhost: starting datanode, logging to /home/acadgild/install/hadoop/hadoop-2.6.5/logs/hadoop-acadgild-datanode-localhost.l  
ocaldomain.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-secondaryname  
node-localhost.localdomain.out  
18/05/17 10:12:19 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl  
asses 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-localho  
st.localdomain.out  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$ pwd  
/home/acadgild  
[acadgild@localhost ~]$ pwd  
/home/acadgild  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$ pwd  
/home/acadgild  
[acadgild@localhost ~]$ jps  
4177 DataNode  
4513 ResourceManager  
4370 SecondaryNameNode  
4053 NameNode  
5639 Jps  
4615 NodeManager  
[acadgild@localhost ~]$ pwd  
/home/acadgild
```

2.jps

Command used to know the java process

```
[acadgild@localhost ~]$ jps
```

4177 DataNode

4513 ResourceManager

4370 SecondaryNameNode

4053 NameNode

6918 Jps

4615 NodeManager

3.pwd - unix command to know the current working directory

ls -ltrh ---> ls is the list of files in the working directory and **l,t,r,h** are the flags

```
[acadgild@localhost ~]$ pwd
```

/home/acadgild

```
[acadgild@localhost ~]$ ls -ltrh
```

total 48K

drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Templates

drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Public

drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Pictures

drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Music

drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Videos

drwxrwxr-x. 3 acadgild acadgild 4.0K Dec 29 16:59 eclipse

drwxrwxr-x. 3 acadgild acadgild 4.0K Jan 16 14:02 eclipse-workspace

drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 2 12:52 Documents

4. Created a sample_acadgild file and used cat command to view the file

[acadgild@localhost ~]\$ nano sample_acadgild.txt

You have new mail in /var/spool/mail/acadgild

drwxrwxr-x. 13 acadgild acadgild 4.0K Feb 9 18:06 install

drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 13 14:24 Downloads

drwxr-xr-x. 4 acadgild acadgild 4.0K May 17 10:35 Desktop

-rw-rw-r--. 1 acadgild acadgild 63 May 17 11:06 sample_acadgild.txt

[acadgild@localhost ~]\$ cat sample_acadgild.txt

This is the first file

Hello word

lets start learning hadoop

You have new mail in /var/spool/mail/acadgild

[acadgild@localhost ~]\$

```

[acadgild@localhost ~]$ ls -ltrh
total 44K
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Templates
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Public
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Pictures
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Music
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Videos
drwxrwxr-x. 3 acadgild acadgild 4.0K Dec 29 16:59 eclipse
drwxrwxr-x. 3 acadgild acadgild 4.0K Jan 16 14:02 eclipse-workspace
drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 2 12:52 Documents
drwxrwxr-x. 13 acadgild acadgild 4.0K Feb 9 18:06 install
drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 13 14:24 Downloads
drwxr-xr-x. 4 acadgild acadgild 4.0K May 17 10:35 Desktop
[acadgild@localhost ~]$ nano sample_acadgild.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ ls -ltrh
total 48K
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Templates
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Public
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Pictures
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Music
drwxr-xr-x. 2 acadgild acadgild 4.0K Dec 27 17:03 Videos
drwxrwxr-x. 3 acadgild acadgild 4.0K Dec 29 16:59 eclipse
drwxrwxr-x. 3 acadgild acadgild 4.0K Jan 16 14:02 eclipse-workspace
drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 2 12:52 Documents
drwxrwxr-x. 13 acadgild acadgild 4.0K Feb 9 18:06 install
drwxr-xr-x. 2 acadgild acadgild 4.0K Feb 13 14:24 Downloads
drwxr-xr-x. 4 acadgild acadgild 4.0K May 17 10:35 Desktop
-rw-rw-r--. 1 acadgild acadgild 63 May 17 11:06 sample\_acadgild.txt
[acadgild@localhost ~]$ cat sample_acadgild.txt
This is the first file
Hello word
lets start learning hadoop
[acadgild@localhost ~]$ █

```

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

PFB attachments

Datanode Inform

In operation

Node	Last contact	Ac St
localhost (127.0.0.1:50010)	0	In

Decomissioning

Node	Last contact	Under replicated blocks	Blocks with no live replicas
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Applications Places System Thu May 17, 11:19 AM Acadgild

Browsing HDFS - Mozilla Firefox

Browsing HDFS x +

localhost:50070/explorer.html#/

Hadoop Overview Datanodes Snapshot Startup Progress Utilities

Browse Directory

/ Go!

Permission	Owner	Block Size	Name
drwxr-xr-x	acadgild		sqoopout111
drwxrwx---	acadgild		tmp
drwxr-xr-x	acadgild		user

Hadoop, 2016.

acadgild@localhost... Assignments Session 1 (~/Deskt... Browsing HDFS - M... Take Screenshot