

1. Start-all.sh command→ Starts all Hadoop daemons, the namenode, datanodes, the jobtracker and tasktrackers.

```
Last login: Sun Apr 14 15:45:43 2019 from 10.0.2.2
[acadgild@localhost ~]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
19/04/14 22:43:07 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
19/04/14 22:44:31 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→ **JPS** (Java Virtual Machine Process Status Tool) is a **command** is used to check all the Hadoop daemons like NameNode, DataNode, ResourceManager, NodeManager etc. which are running on the machine.

```
[acadgild@localhost ~]$ jps
14434 ResourceManager
14295 SecondaryNameNode
14536 NodeManager
14072 DataNode
13960 NameNode
15100 Jps
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

3. Ls command→ Ls is a command to list computer files in Unix and Unix-like operating systems. When invoked without any arguments, Ls lists the files in the current working directory.

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ ls
Desktop  Downloads  eclipse-workspace  hadoop  Music  pig_1553619024052.log  pig_1554304882292.log  Templates
Documents  eclipse  firstFile.txt  install  Pictures  pig_1553621353824.log  Public  Videos
You have new mail in /var/spool/mail/acadgild
```

4. pwd command→ the pwd command writes the full pathname of the current working directory to the standard output.

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

5. cat command→cat is a standard Unix utility that reads files sequentially, writing them to standard output.

```
[acadgild@localhost ~]$ nano test.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ cat test
cat: test: No such file or directory
[acadgild@localhost ~]$ ls
Desktop  Downloads  eclipse-workspace  hadoop  Music  pig_1553619024052.log  pig_1554304882292.log  Templates  Videos
Documents  eclipse  firstFile.txt  install  Pictures  pig_1553621353824.log  Public  test.txt
[acadgild@localhost ~]$ cat test.txt
welcome to Hadoop .
```

6. HDFS page details

The screenshot shows a web browser window titled "Namenode information - Mozilla Firefox". The address bar shows the URL "localhost:50070/dfshealth.html#tab-overview". The page has a green navigation bar with tabs: "Hadoop", "Overview", "Datanodes", "Snapshot", "Startup Progress", and "Utilities". The "Overview" tab is selected, and the page title is "Overview 'localhost:8020' (active)". Below the title is a table with the following information:

Started:	Sun Apr 28 15:29:18 IST 2019
Version:	2.6.5, re8c9fe0b4c252caf2ebf1464220599650f119997
Compiled:	2016-10-02T23:43Z by sjlee from branch-2.6.5
Cluster ID:	CID-7b3f9bd8-f34c-4fb8-87aa-f76b6dfbd809
Block Pool ID:	BP-437583619-127.0.0.1-1517555661954

At the bottom of the browser window, the taskbar shows the user "acadgild@localhost" and the active window "Namenode information..."