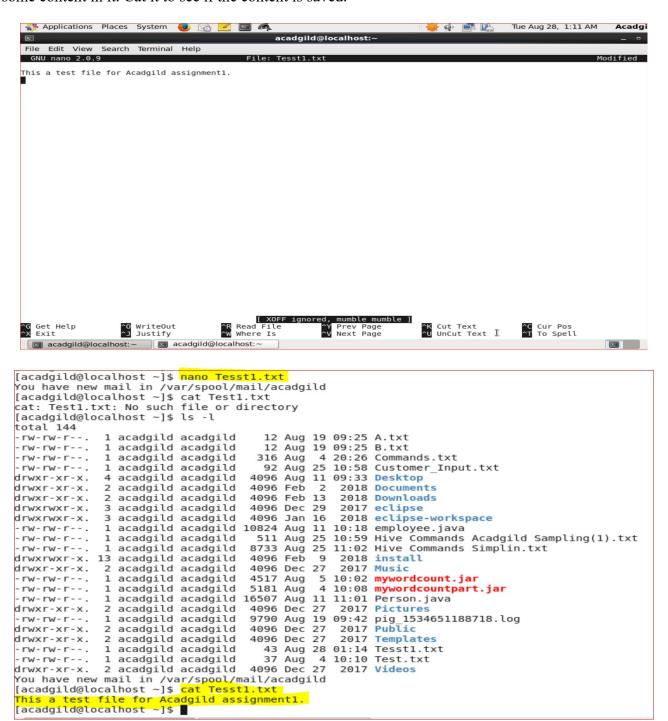1) Start Hadoop single node on AcadGild VM. The command is start-all.sh.
2) Run a JPS command to see if all Hadoop daemons are running.

```
Applications  Places  System                    acadgild@localhost:~

File  Edit  View  Search  Terminal  Help
[acadgild@localhost ~]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
18/08/27 23:06:55 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry 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/ha
doop-2.6.5/logs/hadoop-acadgild-secondarynamenode-localhost.localdomain.out
18/08/27 23:07:20 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry 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 ~]$ jps
3520 SecondaryNameNode
3201 NameNode
3666 ResourceManager
3302 DataNode
3769 NodeManager
6826 Jps
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

3) Run few Unix commands like pwd, ls -ls, etc.

```
Applications  Places  System                    acadgild@localhost:~

File  Edit  View  Search  Terminal  Help
[acadgild@localhost ~]$ pwd
/home/acadgild
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ ls -l
total 140
-rw-rw-r--.  1 acadgild acadgild    12 Aug 19 09:25 A.txt
-rw-rw-r--.  1 acadgild acadgild    12 Aug 19 09:25 B.txt
-rw-rw-r--.  1 acadgild acadgild   316 Aug  4 20:26 Commands.txt
-rw-rw-r--.  1 acadgild acadgild    92 Aug 25 10:58 Customer_Input.txt
drwxr-xr-x.  4 acadgild acadgild  4096 Aug 11 09:33 Desktop
drwxr-xr-x.  2 acadgild acadgild  4096 Feb  2  2018 Documents
drwxr-xr-x.  2 acadgild acadgild  4096 Feb 13  2018 Downloads
drwxrwxr-x.  3 acadgild acadgild  4096 Dec 29  2017 eclipse
drwxrwxr-x.  3 acadgild acadgild  4096 Jan 16  2018 eclipse-workspace
-rw-rw-r--.  1 acadgild acadgild 10824 Aug 11 10:18 employee.java
-rw-rw-r--.  1 acadgild acadgild   511 Aug 25 10:59 Hive Commands Acadgild Sampling(1).txt
-rw-rw-r--.  1 acadgild acadgild  8733 Aug 25 11:02 Hive Commands Simplin.txt
drwxrwxr-x. 13 acadgild acadgild  4096 Feb  9  2018 install
drwxr-xr-x.  2 acadgild acadgild  4096 Dec 27  2017 Music
-rw-rw-r--.  1 acadgild acadgild  4517 Aug  5 10:02 mywordcount.jar
-rw-rw-r--.  1 acadgild acadgild  5181 Aug  4 10:08 mywordcountpart.jar
-rw-rw-r--.  1 acadgild acadgild 16507 Aug 11 11:01 Person.java
drwxr-xr-x.  2 acadgild acadgild  4096 Dec 27  2017 Pictures
-rw-rw-r--.  1 acadgild acadgild  9790 Aug 19 09:42 pig_1534651188718.log
drwxr-xr-x.  2 acadgild acadgild  4096 Dec 27  2017 Public
drwxr-xr-x.  2 acadgild acadgild  4096 Dec 27  2017 Templates
-rw-rw-r--.  1 acadgild acadgild    37 Aug  4 10:10 Test.txt
drwxr-xr-x.  2 acadgild acadgild  4096 Dec 27  2017 Videos
[acadgild@localhost ~]$
```

4) Create a file from the terminal using nano editor (example: nano test.txt), and add some content in it. Cat it to see if the content is saved.

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