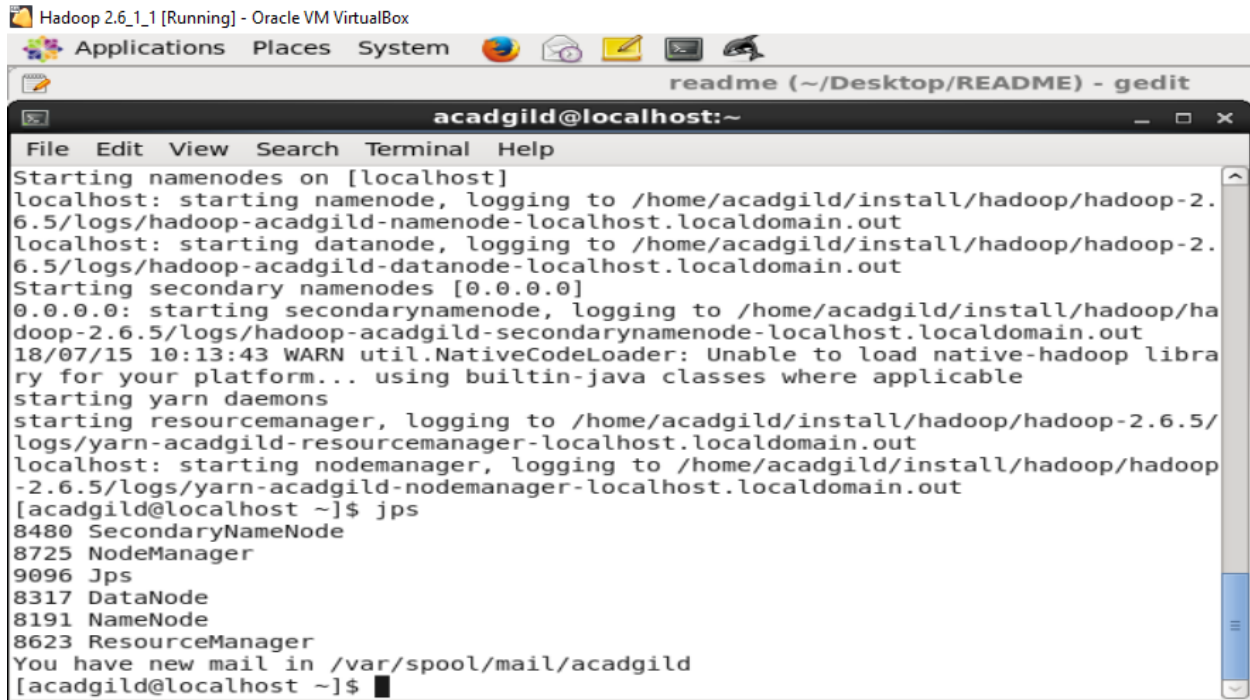


ACADGILD ASSIGNMENT -1

1. Starting Hadoop single node on ACADGILD VM using the command start-all.sh.
2. Use JPS command to display the running daemons.

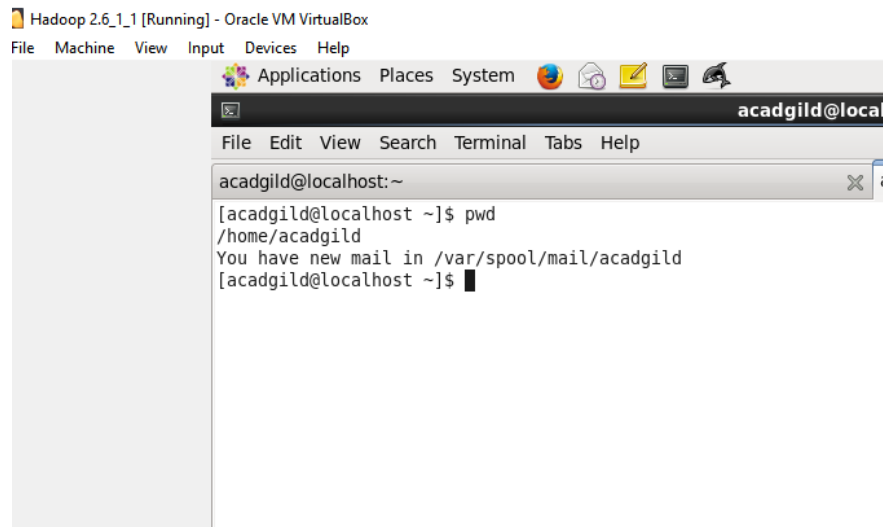
Below figure shows the screenshot of VM when the above two commands are executed.



```
Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
Applications Places System
acadgild@localhost:~
File Edit View Search Terminal Help
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
18/07/15 10:13:43 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 ~]$ jps
8480 SecondaryNameNode
8725 NodeManager
9096 Jps
8317 DataNode
8191 NameNode
8623 ResourceManager
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

3. Running the Unix commands pwd & ls -ls.

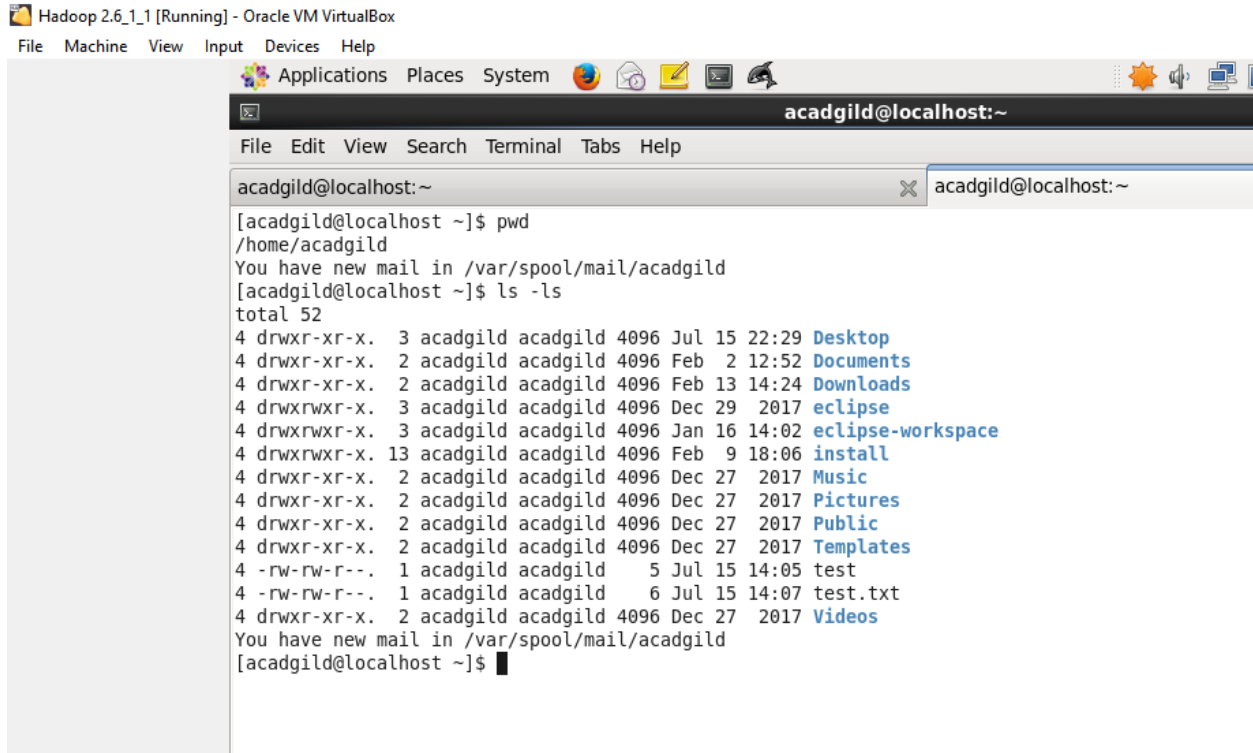
Below figure shows the screenshot of VM when the command pwd is ran on the terminal.



```
Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
acadgild@localhost:~
File Edit View Search Terminal Tabs Help
acadgild@localhost:~
[acadgild@localhost ~]$ pwd
/home/acadgild
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

ACADGILD ASSIGNMENT -1

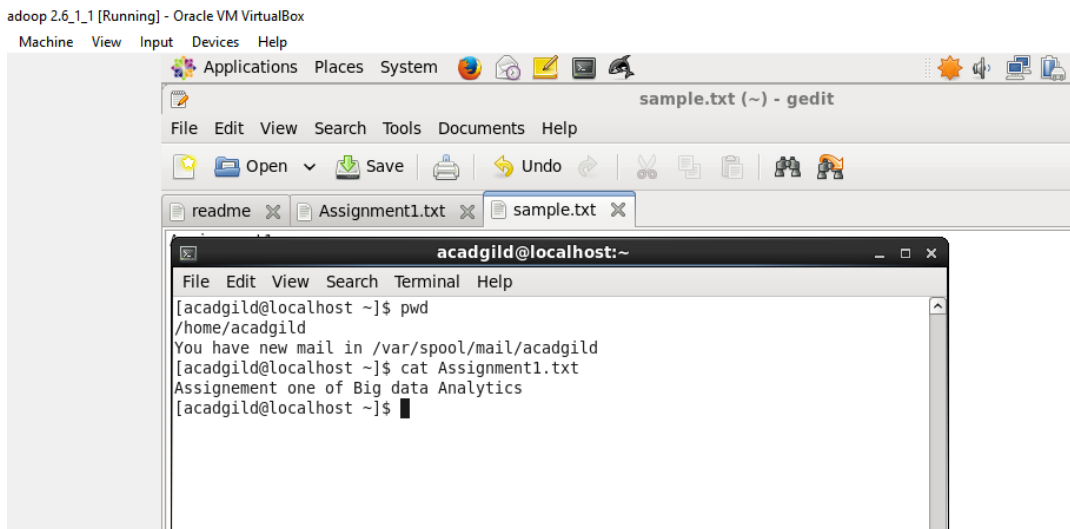
Below figure shows the screenshot of VM when the command `ls -ls` is ran on the terminal.



The screenshot shows a terminal window titled 'acadmild@localhost:~' within an Oracle VM VirtualBox environment. The terminal displays the following output:

```
[acadmild@localhost ~]$ pwd
/home/acadmild
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$ ls -ls
total 52
4 drwxr-xr-x. 3 acadmild acadmild 4096 Jul 15 22:29 Desktop
4 drwxr-xr-x. 2 acadmild acadmild 4096 Feb  2 12:52 Documents
4 drwxr-xr-x. 2 acadmild acadmild 4096 Feb 13 14:24 Downloads
4 drwxrwxr-x. 3 acadmild acadmild 4096 Dec 29 2017 eclipse
4 drwxrwxr-x. 3 acadmild acadmild 4096 Jan 16 14:02 eclipse-workspace
4 drwxrwxr-x. 13 acadmild acadmild 4096 Feb  9 18:06 install
4 drwxr-xr-x. 2 acadmild acadmild 4096 Dec 27 2017 Music
4 drwxr-xr-x. 2 acadmild acadmild 4096 Dec 27 2017 Pictures
4 drwxr-xr-x. 2 acadmild acadmild 4096 Dec 27 2017 Public
4 drwxr-xr-x. 2 acadmild acadmild 4096 Dec 27 2017 Templates
4 -rw-rw-r--. 1 acadmild acadmild  5 Jul 15 14:05 test
4 -rw-rw-r--. 1 acadmild acadmild  6 Jul 15 14:07 test.txt
4 drwxr-xr-x. 2 acadmild acadmild 4096 Dec 27 2017 Videos
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$
```

4) Creating a file from the terminal using nano editor and adding content in it. Also, cat it to view the content saved.



The screenshot shows a terminal window titled 'acadmild@localhost:~' within an Oracle VM VirtualBox environment. The terminal displays the following output:

```
[acadmild@localhost ~]$ pwd
/home/acadmild
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$ cat Assignment1.txt
Assignment one of Big data Analytics
[acadmild@localhost ~]$
```

In the above figure, a file named Assignment1.txt is created using the G-editor and content saved was "Assignment one of Big Data Analytics" same was displayed when the cat command is used.

ACADGILD ASSIGNMENT -1

5. Details of HDFS in the web page 'localhost:50070' –

Below figure shows details of the saved file, in the webpage localhost:50070.

