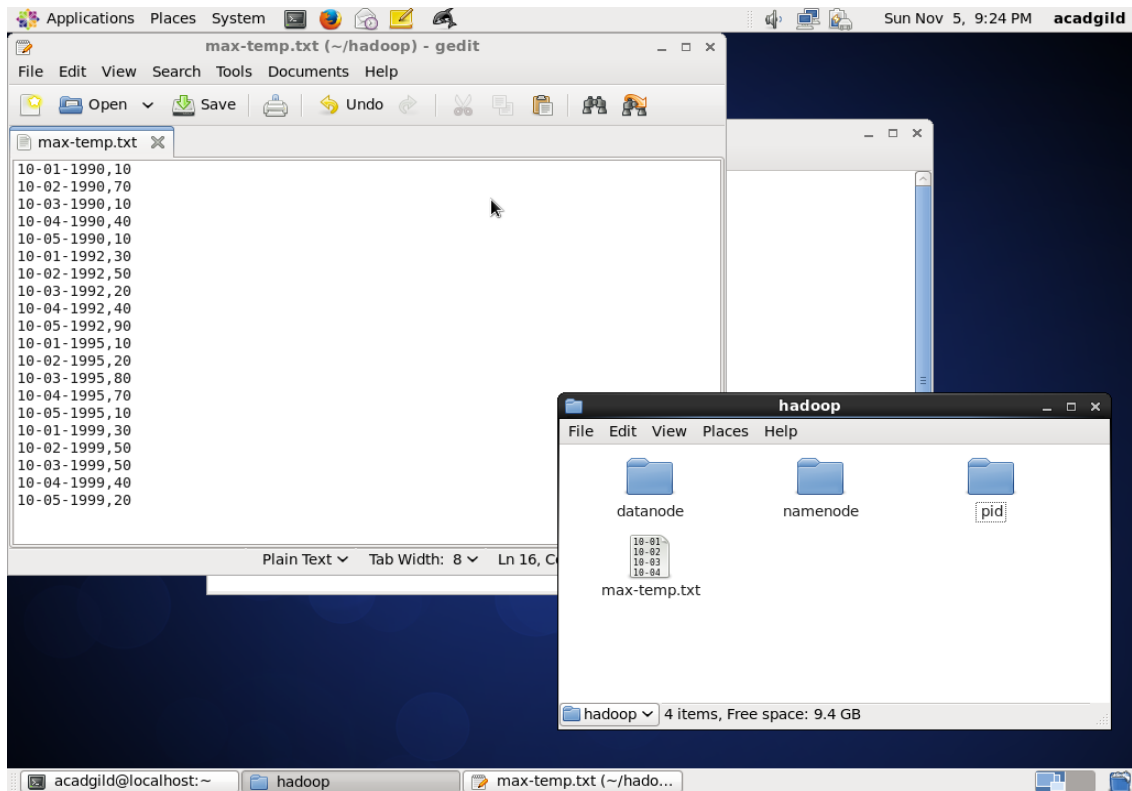


SESSION 2

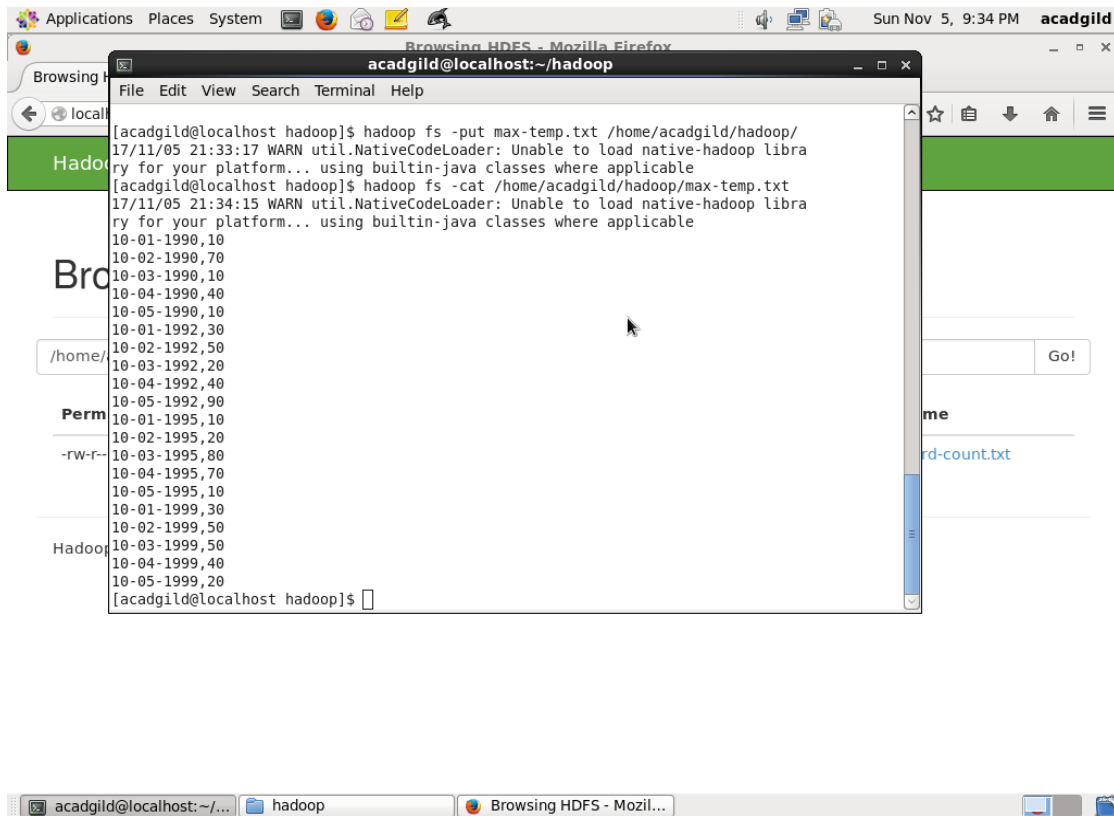
ASSIGNMENT 2 – SOLUTION

Task-3:

Step-1 => Creation of local file.



Step-2 => Move file to HDFS.

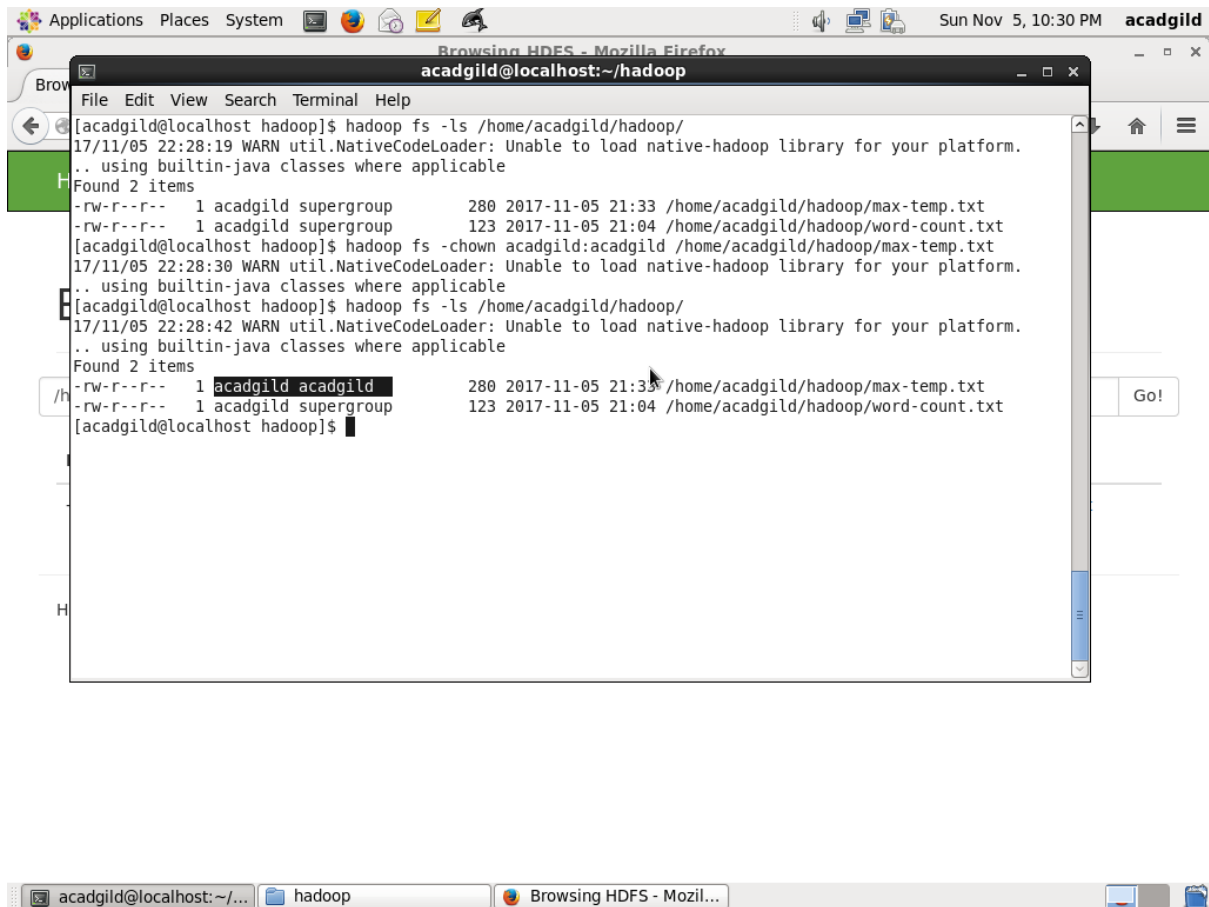


The screenshot shows a Linux desktop environment with a terminal window and a web browser. The terminal window, titled "acadgild@localhost:~/hadoop", displays the following commands and output:

```
[acadgild@localhost hadoop]$ hadoop fs -put max-temp.txt /home/acadgild/hadoop/
17/11/05 21:33:17 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost hadoop]$ hadoop fs -cat /home/acadgild/hadoop/max-temp.txt
17/11/05 21:34:15 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
10-01-1990,10
10-02-1990,70
10-03-1990,10
10-04-1990,40
10-05-1990,10
10-01-1992,30
10-02-1992,50
10-03-1992,20
10-04-1992,40
10-05-1992,90
10-01-1995,10
10-02-1995,20
10-03-1995,80
10-04-1995,70
10-05-1995,10
10-01-1999,30
10-02-1999,50
10-03-1999,50
10-04-1999,40
10-05-1999,20
[acadgild@localhost hadoop]$
```

The web browser, titled "Browsing HDFS - Mozilla Firefox", shows the HDFS file listing page. The page displays a table of files and directories, including "max-temp.txt" and "word-count.txt". The table has columns for "Name", "Permission", and "Size". The "max-temp.txt" file is listed with a size of 10 and a permission of -rw-r--r--.

Task-4: Changing ownership and group to acadgild.



The screenshot shows a terminal window titled "acadgild@localhost:~/hadoop" with the following commands and output:

```
[acadgild@localhost hadoop]$ hadoop fs -ls /home/acadgild/hadoop/
17/11/05 22:28:19 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform.
.. using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 acadgild supergroup      280 2017-11-05 21:33 /home/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup      123 2017-11-05 21:04 /home/acadgild/hadoop/word-count.txt
[acadgild@localhost hadoop]$ hadoop fs -chown acadgild:acadgild /home/acadgild/hadoop/max-temp.txt
17/11/05 22:28:30 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform.
.. using builtin-java classes where applicable
[acadgild@localhost hadoop]$ hadoop fs -ls /home/acadgild/hadoop/
17/11/05 22:28:42 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform.
.. using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 acadgild acadgild        280 2017-11-05 21:33 /home/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup      123 2017-11-05 21:04 /home/acadgild/hadoop/word-count.txt
[acadgild@localhost hadoop]$
```

The terminal window is part of a desktop environment with a taskbar at the bottom showing the user "acadgild@localhost:~/...", a folder icon labeled "hadoop", and a browser window titled "Browsing HDFS - Mozil...". The system clock in the top right corner indicates "Sun Nov 5, 10:30 PM" and the username "acadgild".