Remove Watermark Now

REPORT

ASSIGNMENT 2

TASK 1-

CHECK WHETHER /user/acadgild directory exists in HDFS or not.

If not then create one.

SOLUTION:

- I checked it with the help of command **"hadoop fs –ls ".**
- It showed all the existing files and directories in HDFS.
- There I saw a directory **"/user".** Then I checked for **"hadoop fs –ls /user/" ,** it displays the directory inside /user i.e. "**/user/hive".**
- For confirming I checked for "**hadoop fs –ls /user/acadgild" ,** it gives that "/user/acadgild" No such files or Directory exists".
- Then I make the directory "/user/acadgild/hadoop/" with the help of command **"hadoop fs –mkdir –p /user/acadgild/hadoop/"**
- After that I again check the list of existing directories in HDFS with command **"hadoop fs –ls /user/".** It showed the directories "**/user/hive" and "/user/acadgild".** Then I looked into "**hadoop fs –ls /user/acadgild/"** it showed the sub directory "**/user/acadgild/hadoop".**

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TASK 2-

Create a file in HDFS under /user/acadgild/hadoop with name word-count.txt.

Whatever we type on screen should get appended to the file.

Try to type few lines of article or textbook.

SOLUTION:

- I created the file in HDFS using command "**hdfs dfs –touchz /user/acadgild/hadoop/word-count.txt"**
- Then I checked for its existence with **"hadoop fs –ls /user/acadgild/hadoop/".**
- Then I appended few lines in the file by using **"echo "Create the highest, grandest vision for your life because you become what you BELIEVE"|hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt"**
- Then I checked the content of the file by command **"hadoop –fs –cat /user/acadgild/hadoop/word-count.txt"**

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TASK 3-

Create a file max-temp.txt in Local FS.

Put 10-15 record of date and temperature.

Move file to HDFS /user/acadgild/hadoop

SOLUTION:

- I Created the file **max-temp.txt** in Local FS using command **"touch max-temp.txt".** And checked its existence with the help of **ls command.**
- I put 10 records in the file max-temp.txt by using **" echo dd-mm-yyyy,temperature > max-temp.txt"**
- I display the content of file **max-temp.txt** by using **"cat max-temp.txt"**
- Then I moved the file from Local FS to HDFS by using command **"hadoop fs –moveFromLocal max-temp.txt /user/acadgild/hadoop/".**
- Then I check if file exists in HDFS or not by using **"hadoop fs –ls /user/acadgild/hadoop/"**
- It showed me two files max-temp.txt and word-count.txt

TASK 4-

Change the permission of the file **/user/acadgild/hadoop/max-temp.txt** such that only the owner and group member have full control over the file .

Others don't have any control over it.

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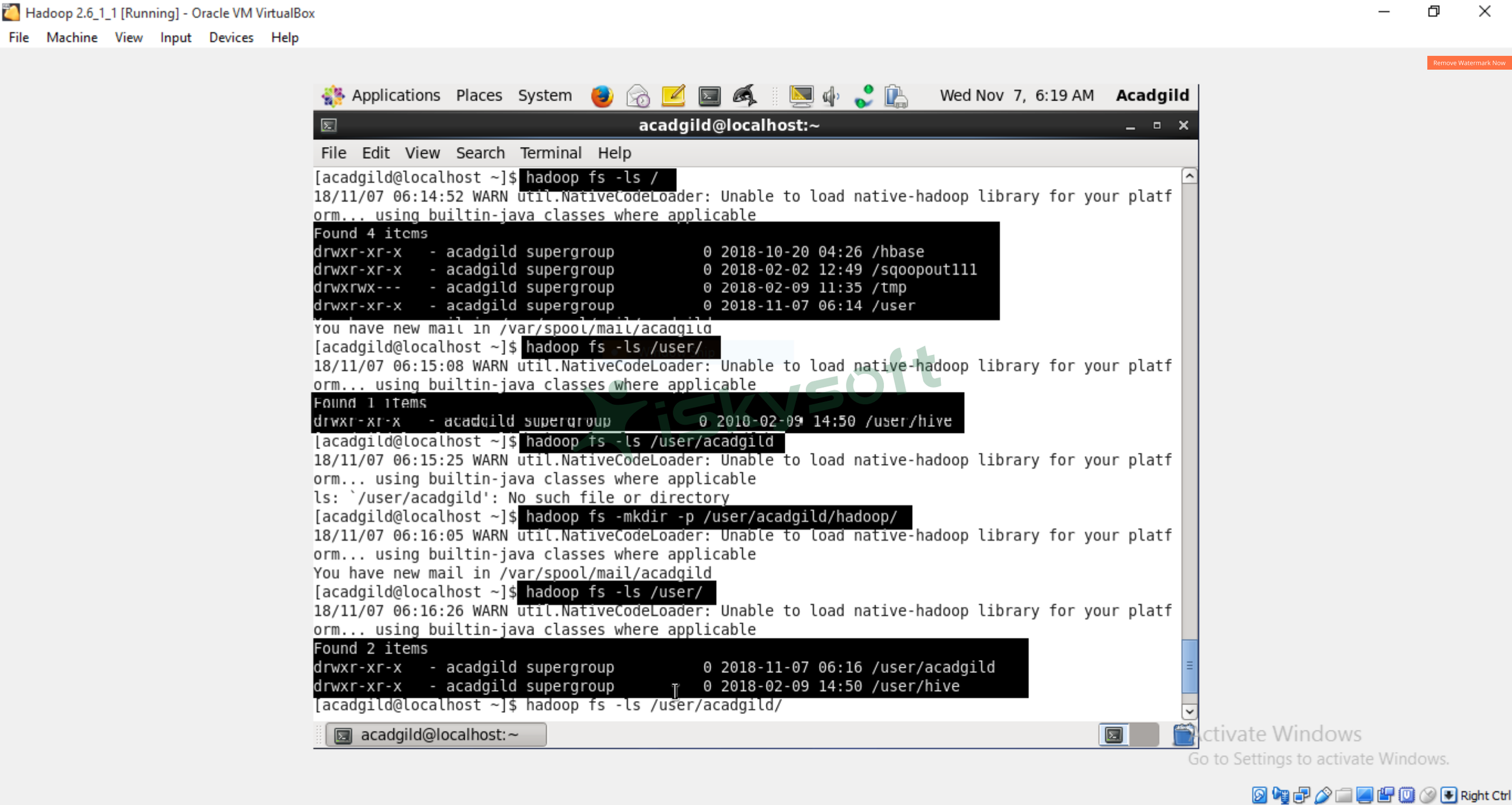
SOLUTION:

- Permission to read, *r*, is given the numeric value of 4
- Permission to write, *w*, is given the value 2
- Permission to execute, *x*, is given the value 1

- So I changed the permission by using command **"hadoop fs –chmod 770 /user/acadgild/hadoop/max-temp.txt"**
- I also checked the permission by **"hadoop fs –ls /user/acadgild/hadoop/max-temp.txt"**
- It displays the permission as **"-rwxrwx---".**


Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Wed Nov 7, 6:19 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ hadoop fs -ls /
18/11/07 06:14:52 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 4 items
drwxr-xr-x - acadgild supergroup 0 2018-10-20 04:26 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxrwx--- - acadgild supergroup 0 2018-02-09 11:35 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-11-07 06:14 /user
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/
18/11/07 06:15:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 1 items
drwxr-xr-x - acadgild supergroup 0 2018-02-09 14:50 /user/hive
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild
18/11/07 06:15:25 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
ls: `/user/acadgild': No such file or directory
[acadgild@localhost ~]$ hadoop fs -mkdir -p /user/acadgild/hadoop/
18/11/07 06:16:05 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/
18/11/07 06:16:26 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2018-11-07 06:16 /user/acadgild
drwxr-xr-x - acadgild supergroup 0 2018-02-09 14:50 /user/hive
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/
acadgild@localhost:~
Activate Windows
Go to Settings to activate Windows.
Right Ctrl

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/
18/11/07 06:16:41 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
Found 1 items
drwxr-xr-x   - acadgild supergroup          0 2018-11-07 06:16 /user/acadgild/hadoop
[acadgild@localhost ~]$
```

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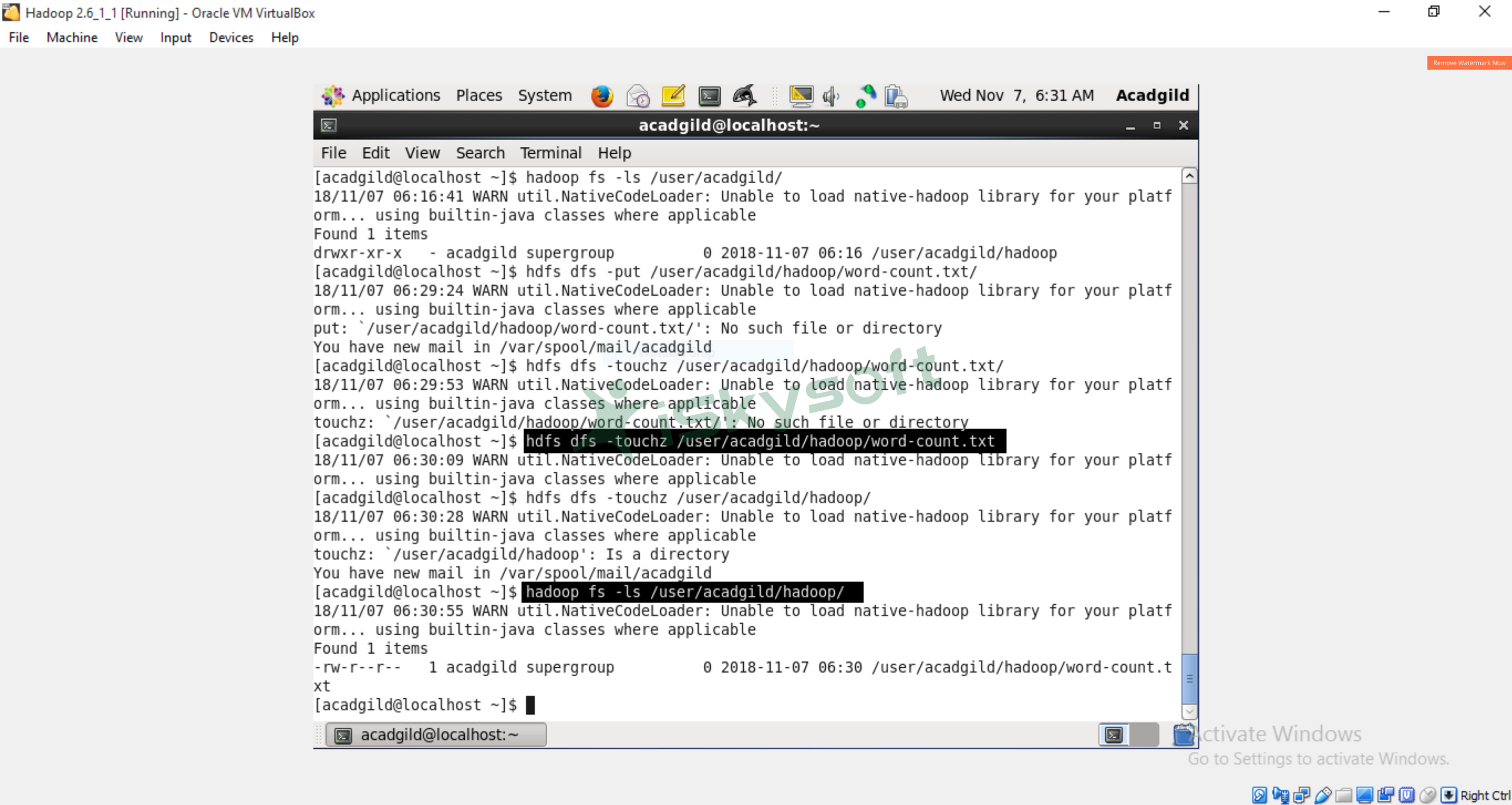
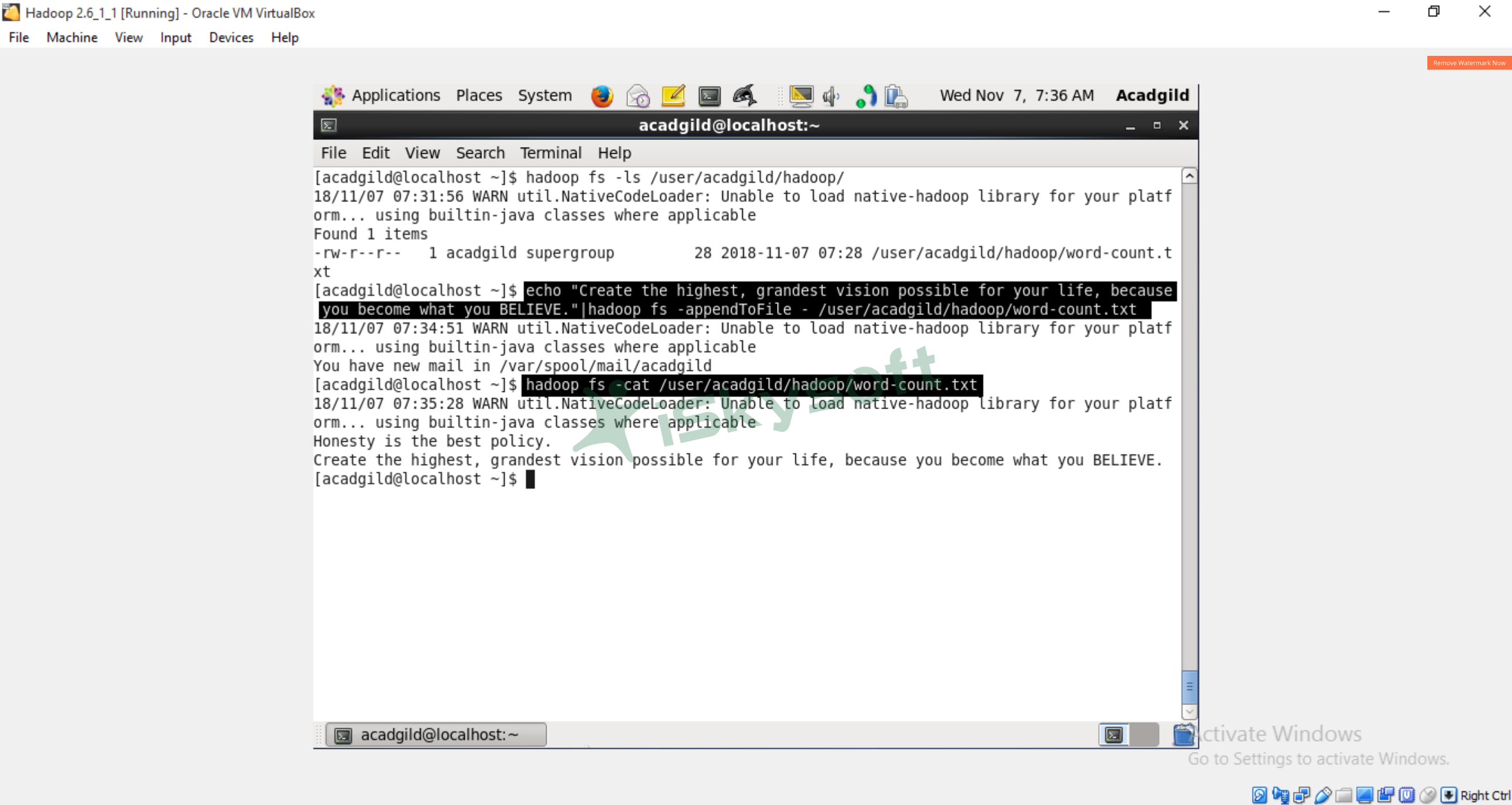
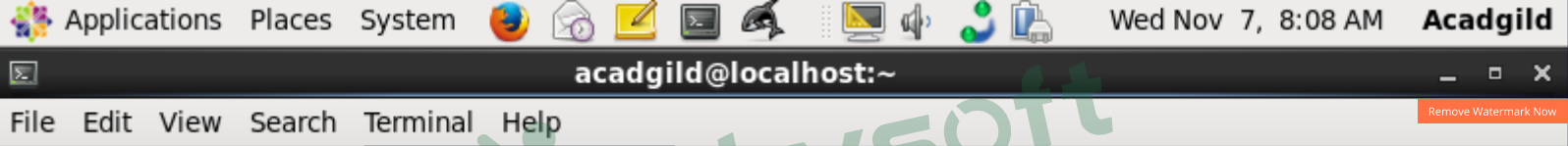
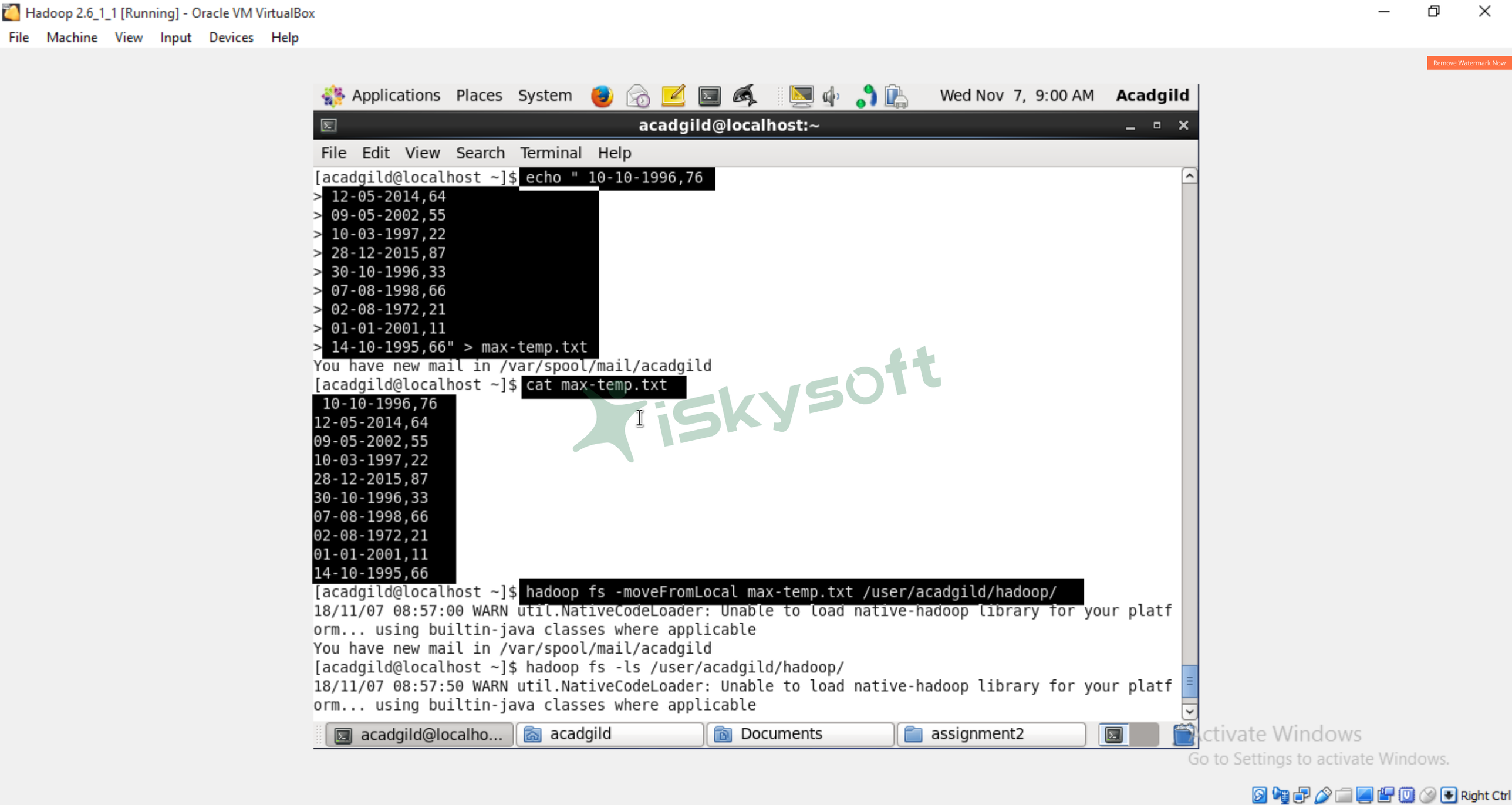

Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Wed Nov 7, 6:31 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/
18/11/07 06:16:41 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 1 items
drwxr-xr-x - acadgild supergroup 0 2018-11-07 06:16 /user/acadgild/hadoop
[acadgild@localhost ~]$ hdfs dfs -put /user/acadgild/hadoop/word-count.txt/
18/11/07 06:29:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
put: `/user/acadgild/hadoop/word-count.txt/': No such file or directory
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hdfs dfs -touchz /user/acadgild/hadoop/word-count.txt/
18/11/07 06:29:53 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
touchz: `/user/acadgild/hadoop/word-count.txt/': No such file or directory
[acadgild@localhost ~]$ hdfs dfs -touchz /user/acadgild/hadoop/word-count.txt
18/11/07 06:30:09 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost ~]$ hdfs dfs -touchz /user/acadgild/hadoop/
18/11/07 06:30:28 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
touchz: `/user/acadgild/hadoop': Is a directory
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop/
18/11/07 06:30:55 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 1 items
-rw-r--r-- 1 acadgild supergroup 0 2018-11-07 06:30 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost ~]$
acadgild@localhost:~
Activate Windows
Go to Settings to activate Windows.
Right Ctrl

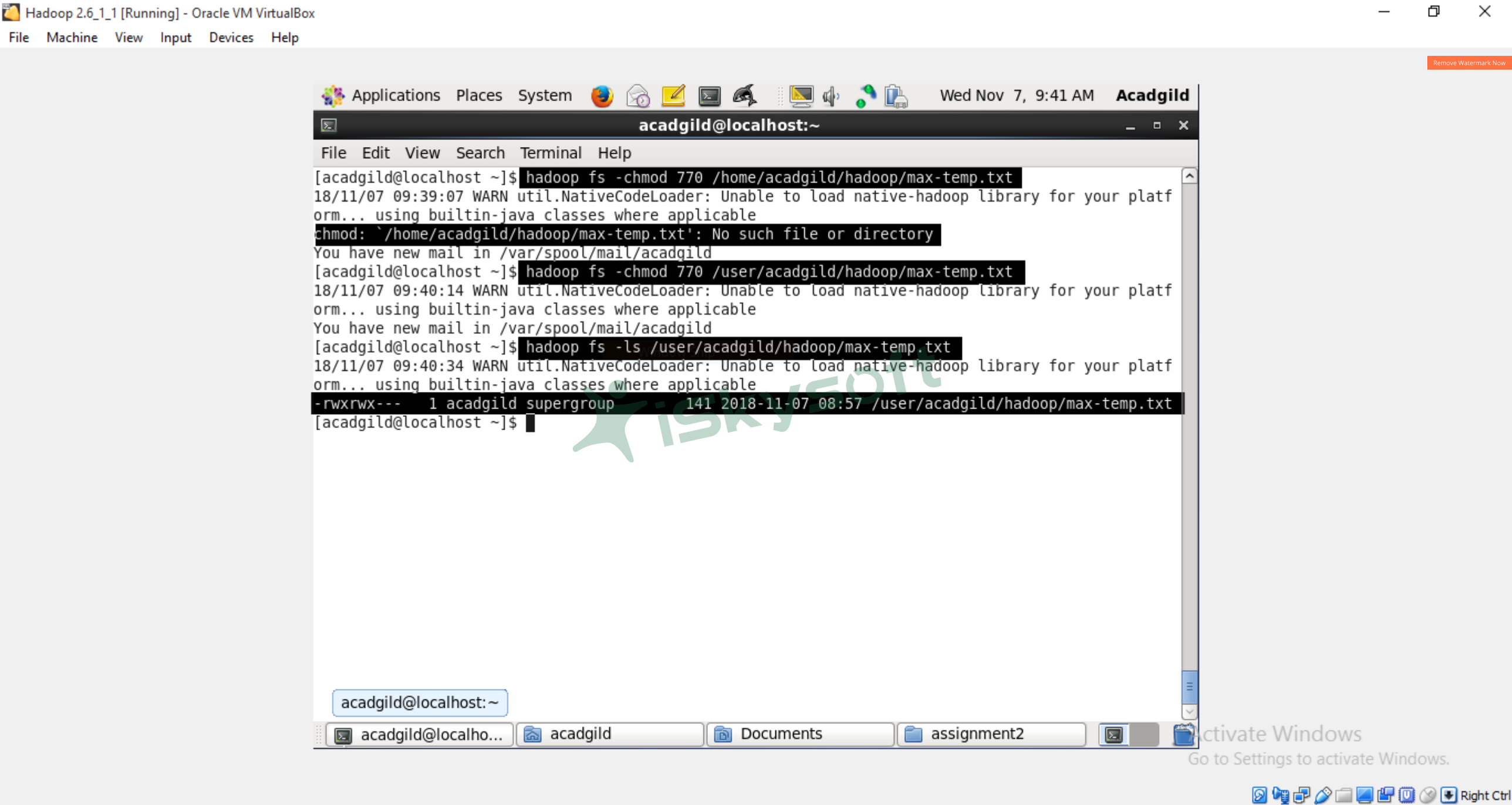

Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Wed Nov 7, 7:36 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop/
18/11/07 07:31:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 1 items
-rw-r--r-- 1 acadgild supergroup 28 2018-11-07 07:28 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost ~]$ echo "Create the highest, grandest vision possible for your life, because you become what you BELIEVE."|hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt
18/11/07 07:34:51 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
18/11/07 07:35:28 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Honesty is the best policy.
Create the highest, grandest vision possible for your life, because you become what you BELIEVE.
[acadgild@localhost ~]$
acadgild@localhost:~
Activate Windows
Go to Settings to activate Windows.
Right Ctrl


Applications Places System
Wed Nov 7, 8:08 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ touch max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ ls
Desktop Downloads eclipse-workspace max-temp.txt Pictures Public Videos
Documents eclipse install Music pig_1539988864623.log Templates


Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Wed Nov 7, 9:00 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ echo " 10-10-1996,76
> 12-05-2014,64
> 09-05-2002,55
> 10-03-1997,22
> 28-12-2015,87
> 30-10-1996,33
> 07-08-1998,66
> 02-08-1972,21
> 01-01-2001,11
> 14-10-1995,66" > max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ cat max-temp.txt
10-10-1996,76
12-05-2014,64
09-05-2002,55
10-03-1997,22
28-12-2015,87
30-10-1996,33
07-08-1998,66
02-08-1972,21
01-01-2001,11
14-10-1995,66
[acadgild@localhost ~]$ hadoop fs -moveFromLocal max-temp.txt /user/acadgild/hadoop/
18/11/07 08:57:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop/
18/11/07 08:57:50 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
acadgild@localho...
acadgild
Documents
assignment2
iSkysoft
Activate Windows
Go to Settings to activate Windows.
Right Ctrl

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop/
18/11/07 08:57:50 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
Found 2 items
-rw-r--r--   1 acadgild supergroup        141 2018-11-07 08:57 /user/acadgild/hadoop/max-temp.txt
-rw-r--r--   1 acadgild supergroup        125 2018-11-07 07:34 /user/acadgild/hadoop/word-count.t
xt
[acadgild@localhost ~]$
```

Remove Watermark Now


Hadoop 2.6_1_1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places System
Wed Nov 7, 9:41 AM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ hadoop fs -chmod 770 /home/acadgild/hadoop/max-temp.txt
18/11/07 09:39:07 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
chmod: `/home/acadgild/hadoop/max-temp.txt': No such file or directory
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -chmod 770 /user/acadgild/hadoop/max-temp.txt
18/11/07 09:40:14 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop/max-temp.txt
18/11/07 09:40:34 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
-rwxrwx---   1 acadgild supergroup   141 2018-11-07 08:57 /user/acadgild/hadoop/max-temp.txt
[acadgild@localhost ~]$
acadgild@localhost:~
acadgild@localho...
acadgild
Documents
assignment2
Activate Windows
Go to Settings to activate Windows.
Right Ctrl