

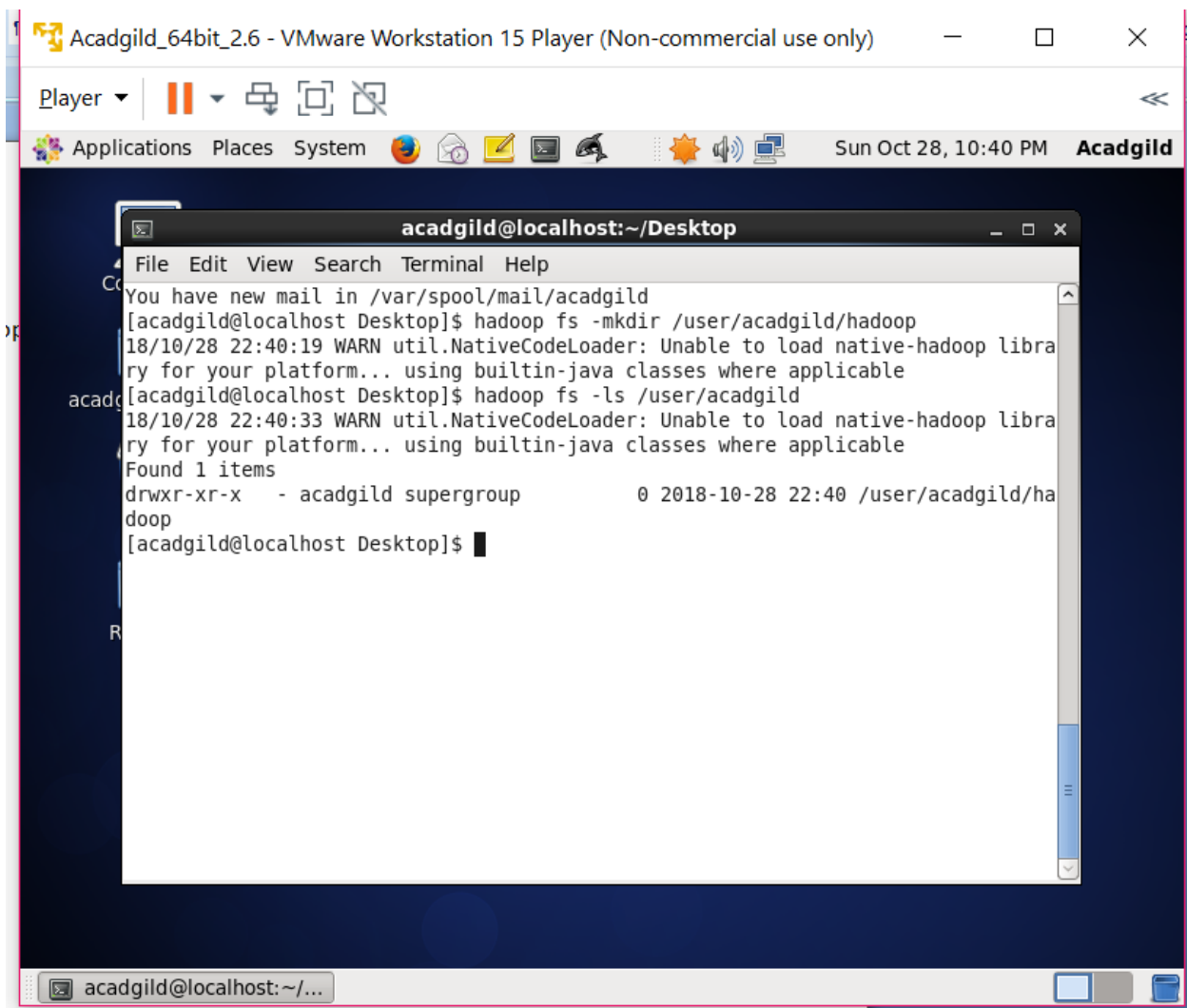
TASK 1:

Command :

`hadoop fs -mkdir /user/acadgild` → Creating new directory called acadgild

`hadoop fs -mkdir /user/acadgild/hadoop` → Creating new directory called hadoop

`hadoop fs -ls /user/acadgild` → listing directories and files in mentioned path



```
Acadgild_64bit_2.6 - VMware Workstation 15 Player (Non-commercial use only)
Player | [Icons] | Sun Oct 28, 10:40 PM | Acadgild

acadgild@localhost:~/Desktop
File Edit View Search Terminal Help
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -mkdir /user/acadgild/hadoop
18/10/28 22:40:19 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild
18/10/28 22:40:33 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 2018-10-28 22:40 /user/acadgild/hadoop
[acadgild@localhost Desktop]$
```

Task 2:

echo "Hello world" | hadoop fs -put - /user/acadgild/hadoop/word-count.txt

echo "New Line added" | hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt

hadoop fs -cat /user/acadgild/hadoop/word-count.txt

OR


vi word-count2.txt

"Hello world

This is my second word count file

I am adding multiple line" → i is used to insert text in a file and :wq is used to save and exit vi editor

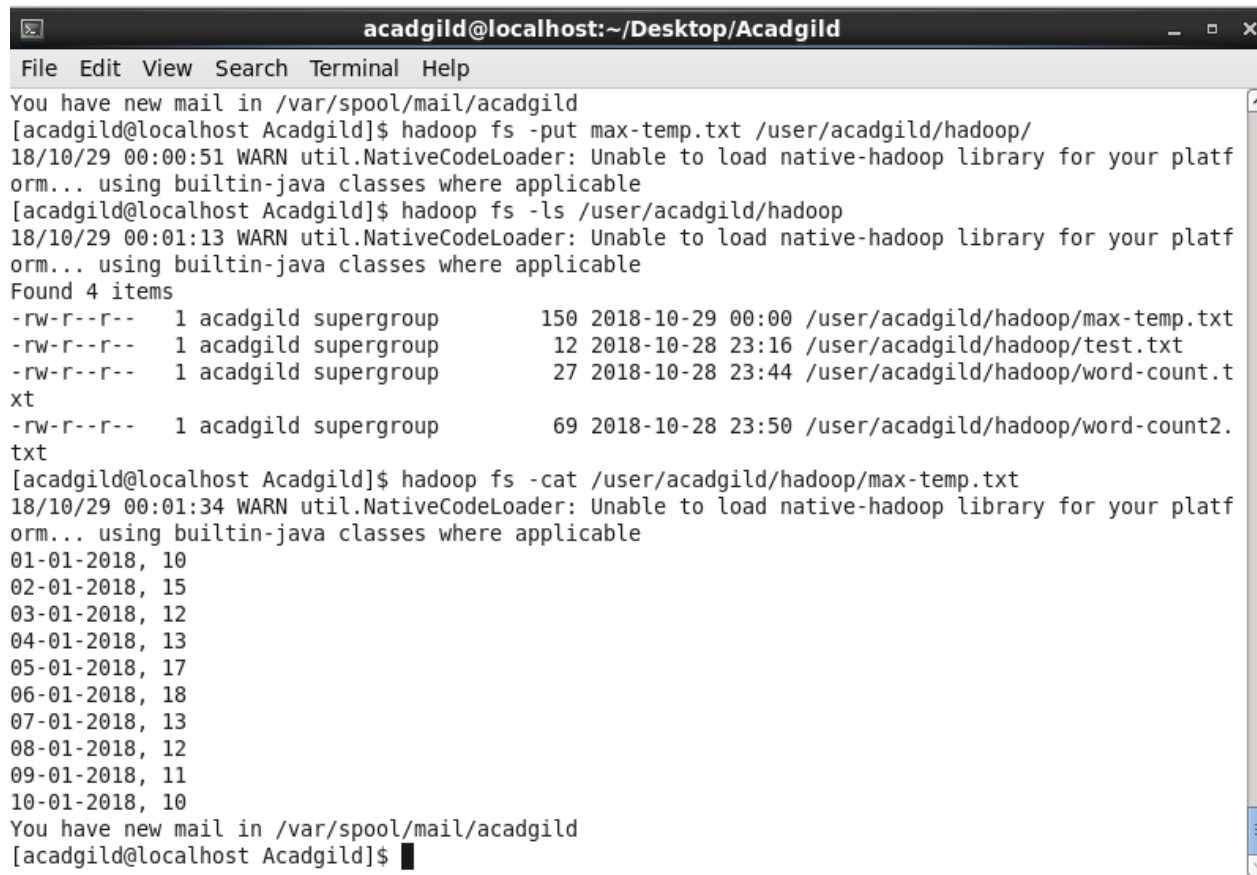
hadoop fs -put word-count2.txt /user/acadgild/hadoop/word-count2.txt

A terminal window titled 'acadgild@localhost:~/Desktop/Acadgild' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[acadgild@localhost Acadgild]$ echo "Hello world" | hadoop fs -put - /user/acadgild/hadoop/word-count.txt
18/10/28 23:42:37 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 Acadgild]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
18/10/28 23:43:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hello world
-----
[acadgild@localhost Acadgild]$ echo "New line added" | hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt
18/10/28 23:44:27 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost Acadgild]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
18/10/28 23:44:40 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hello world
New line added
```


Hadoop fs -put max-temp.txt /user/acadgild/hadoop/ → from local fs to hdfs

Hadoop fs -cat /user/acadgild/hadoop/max-temp.txt → displaying the content of max-temp.txt

A terminal window titled 'acadgild@localhost:~/Desktop/Acadgild' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Acadgild]$ hadoop fs -put max-temp.txt /user/acadgild/hadoop/
18/10/29 00:00:51 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
[acadgild@localhost Acadgild]$ hadoop fs -ls /user/acadgild/hadoop
18/10/29 00:01:13 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
Found 4 items
-rw-r--r--  1 acadgild supergroup      150 2018-10-29 00:00 /user/acadgild/hadoop/max-temp.txt
-rw-r--r--  1 acadgild supergroup      12 2018-10-28 23:16 /user/acadgild/hadoop/test.txt
-rw-r--r--  1 acadgild supergroup      27 2018-10-28 23:44 /user/acadgild/hadoop/word-count.t
xt
-rw-r--r--  1 acadgild supergroup      69 2018-10-28 23:50 /user/acadgild/hadoop/word-count2.
txt
[acadgild@localhost Acadgild]$ hadoop fs -cat /user/acadgild/hadoop/max-temp.txt
18/10/29 00:01:34 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
01-01-2018, 10
02-01-2018, 15
03-01-2018, 12
04-01-2018, 13
05-01-2018, 17
06-01-2018, 18
07-01-2018, 13
08-01-2018, 12
09-01-2018, 11
10-01-2018, 10
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Acadgild]$
```

Task 4:

Hadoop fs -chmod 770 /user/acadgild/hadoop/max-temp.txt → changing to permission of max-temp.txt to owner and group control and no permission for other.

Hadoop fs -ls /user/acadgild/hadoop/max-temp.txt → checking the permission of max-temp.txt

```
acadgild@localhost:~/Desktop/Acadgild
File Edit View Search Terminal Help
[acadgild@localhost Acadgild]$ hadoop fs -chmod 770 /user/acadgild/hadoop/max-temp.txt
18/10/29 00:05:15 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 Acadgild]$ hadoop fs -ls /user/acadgild/hadoop/max-temp.txt
18/10/29 00:05:25 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platf
orm... using builtin-java classes where applicable
-rwxrwx---  1 acadgild supergroup      150 2018-10-29 00:00 /user/acadgild/hadoop/max-temp.txt
[acadgild@localhost Acadgild]$
```