Hadoop Session 2 Assignment

Task 1:

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$ hadoop fs -ls /
18/09/20 23:21:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 5 items
-rw-r--r--   1 acadgild supergroup         65 2018-09-19 03:27 /Max_Sal
drwxr-xr-x   - acadgild supergroup          0 2018-09-20 23:01 /hadoopdata
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 2018-09-19 02:11 /user
[acadgild@localhost Assign2]$ hadoop fs -ls /user
18/09/20 23:22:02 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 2018-09-19 02:12 /user/acadgild
drwxr-xr-x   - acadgild supergroup          0 2018-02-09 14:50 /user/hive
[acadgild@localhost Assign2]$ hadoop fs -ls /user/acadgild
18/09/20 23:22:12 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 Assign2]$ hadoop fs -mkdir /user/acadgild/hadoop
18/09/20 23:22:41 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
mkdir: `/usr/acadgild/hadoop': No such file or directory
[acadgild@localhost Assign2]$ hadoop fs -mkdir /user/acadgild/hadoop
18/09/20 23:23:02 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost Assign2]$ hadoop fs -ls /user/acadgild/hadoop
18/09/20 23:23:23 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 Assign2]$
```

Browse Directory

/user/acadgild   Go!

Permission	Owner	Group	Size	Replication	Block Size	Name
drwxr-xr-x	acadgild	supergroup	0 B	0	0 B	hadoop

Hadoop, 2016.

Task 2:

Browse Directory

/user/acadgild/hadoop   Go!

Permission	Owner	Group	Size	Replication	Block Size	Name
-rw-r--r--	acadgild	supergroup	0 B	1	128 MB	word-count.txt

Hadoop, 2016.

/user/acadgild/hadoop   Go!

Permission	Owner	Group	Size	Replication	Block Size	Name
-rw-r--r--	acadgild	supergroup	288 B	1	128 MB	word-count.txt

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$ hadoop fs -touchz /user/acadgild/hadoop/word-count.txt
18/09/20 23:26:49 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 Assign2]$ hdfs dfs -appendToFile - /user/acadgild/hadoop/word-count.txt
18/09/20 23:28:58 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Create a file oin HDFS under director /user/acadgild/hadoop, wiht name word-count.txt. Whatever we type on screen should get appended to the file. Try to type (on Screen) few lines from any o
nline article or text book. For this example I decided to use the content from the assignment.

^CYou have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
18/09/20 23:31:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Create a file oin HDFS under director /user/acadgild/hadoop, wiht name word-count.txt. Whatever we type on screen should get appended to the file. Try to type (on Screen) few lines from any o
nline article or text book. For this example I decided to use the content from the assignment.

You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$
```

Task 3:

```
[acadgild@localhost Assign2]$ vi max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$ cat max-temp.txt
10-10-1990,10
10-20-1991,20
10-30-1992,30
11-01-1993,40
11-02-1994,50
11-03-1995,60
11-04-1996,70
11-05-1997,80
11-06-1998,90
11-07-1999,35
11-08-2000,45
11-09-2001,55
11-10-2002,65

[acadgild@localhost Assign2]$
```

```
[acadgild@localhost Assign2]$ vi max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$ cat max-temp.txt
10-10-1990,10
10-20-1991,20
10-30-1992,30
11-01-1993,40
11-02-1994,50
11-03-1995,60
11-04-1996,70
11-05-1997,80
11-06-1998,90
11-07-1999,35
11-08-2000,45
11-09-2001,55
11-10-2002,65

[acadgild@localhost Assign2]$ hadoop fs -put max-temp.txt /user/acadgild/hadoop
18/09/20 23:37:09 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 Assign2]$ hadoop fs -ls /user/acadgild/hadoop
18/09/20 23:37:30 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        183 2018-09-20 23:37 /user/acadgild/hadoop/max-temp.txt
-rw-r--r--   1 acadgild supergroup        288 2018-09-20 23:30 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost Assign2]$
```

Browse Directory

Permission	Owner	Group	Size	Replication	Block Size	Name
-rw-r--r--	acadgild	supergroup	183 B	1	128 MB	max-temp.txt
-rw-r--r--	acadgild	supergroup	288 B	1	128 MB	word-count.txt

/user/acadgild/hadoop   Go!

Task 4:


```
[acadgild@localhost Assign2]$ vi max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$
[acadgild@localhost Assign2]$ cat max-temp.txt
10-10-1990,10
10-20-1991,20
10-30-1992,30
11-01-1993,40
11-02-1994,50
11-03-1995,60
11-04-1996,70
11-05-1997,80
11-06-1998,90
11-07-1999,35
11-08-2000,45
11-09-2001,55
11-10-2002,65

[acadgild@localhost Assign2]$ hadoop fs -put max-temp.txt /user/acadgild/hadoop
18/09/20 23:37:09 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 Assign2]$ hadoop fs -ls /user/acadgild/hadoop
18/09/20 23:37:30 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      183 2018-09-20 23:37 /user/acadgild/hadoop/max-temp.txt
-rw-r--r--   1 acadgild supergroup      288 2018-09-20 23:30 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost Assign2]$ hadoop fs -chmod -R 770 /user/acadgild/hadoop/max-temp.txt
18/09/20 23:41:46 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 Assign2]$
```

Before:

Browse Directory

/user/acadgild/hadoop   Go!

Permission	Owner	Group	Size	Replication	Block Size	Name
-rw-r--r--	acadgild	supergroup	183 B	1	128 MB	max-temp.txt
-rw-r--r--	acadgild	supergroup	288 B	1	128 MB	word-count.txt

After:

Browse Directory

/user/acadgild/hadoop   Go!

Permission	Owner	Group	Size	Replication	Block Size	Name
-rwxrwx---	acadgild	supergroup	183 B	1	128 MB	max-temp.txt
-rw-r--r--	acadgild	supergroup	288 B	1	128 MB	word-count.txt

Hadoop, 2016