

# Assignment 2.2

## Objective:-

Completion of Following Tasks:-

### Task-3:-

Objective-1:- Create a file max-temp.txt in local FS. Put some 10-15 records of date and temperature. Move this file to HDFS at /user/acadgild/hadoop.

### Output:-

```
[acadgild@localhost hadoop]$ cat > max-temp.txt
10-01-1990,10
10-02-1991,20
10-03-1992,21
10-04-1991,30
10-05-1992,30
10-06-1993,40
10-07-1990,50
10-08-1994,60
10-09-1990,70
10-10-1995,80
10-11-1990,90
10-12-1991,20
10-11-1996,30
10-02-1991,40
10-01-1997,60
^C
[acadgild@localhost hadoop]$ ls -lrt
total 44
drwxr-xr-x. 3 acadgild acadgild 4096 Aug 12 2016 namenode
drwx----- 3 acadgild acadgild 4096 Aug 12 2016 datanode
-rw-rw-r--. 1 acadgild acadgild 21007 Oct 9 01:16 sample_temperature_dataset.csv
-rw-rw-r--. 1 acadgild acadgild 5445 Oct 9 23:45 mapreduce-0.0.1-SNAPSHOT.jar
-rw-rw-r--. 1 acadgild acadgild 210 Oct 11 22:24 max-temp.txt
[acadgild@localhost hadoop]$ cat max-temp.txt
10-01-1990,10
10-02-1991,20
10-03-1992,21
10-04-1991,30
10-05-1992,30
10-06-1993,40
10-07-1990,50
10-08-1994,60
10-09-1990,70
10-10-1995,80
10-11-1990,90
10-12-1991,20
10-11-1996,30
10-02-1991,40
10-01-1997,60
[acadgild@localhost hadoop]$
```

```

[acadgild@localhost hadoop]$ hadoop fs -put max-temp.txt /home/acadgild/hadoop/
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/10/11 23:29:20 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/
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/10/11 23:29:42 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 supergroup      210 2017-10-11 23:29 /home/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup       85 2017-10-11 22:09 /home/acadgild/hadoop/word_count.txt
[acadgild@localhost hadoop]$ hadoop fs -cat /home/acadgild/hadoop/max-temp.txt
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/10/11 23:30:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
10-01-1990,10
10-02-1991,20
10-03-1992,21
10-04-1991,30
10-05-1992,30
10-06-1993,40
10-07-1990,50
10-08-1994,60
10-09-1990,70
10-10-1995,80
10-11-1990,90
10-12-1991,20
10-11-1996,30
10-02-1991,40
10-01-1997,60
[acadgild@localhost hadoop]$

```

#### Task-4:

Objective-1:- Change the permission of the file /user/acadgild/hadoop/max-temp.txt, such that only the owner and the group members have full control over the file. Others do not have any control over it.

Output:-

```

[acadgild@localhost hadoop]$ hadoop fs -chmod 077 /home/acadgild/hadoop/max-temp.txt
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/10/11 23:36:55 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/
Java HotSpot(TM) Client VM warning: You have loaded library /home/acadgild/hadoop-2.7.2/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
17/10/11 23:37:06 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
----rwxrwx 1 acadgild supergroup      210 2017-10-11 23:29 /home/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup       85 2017-10-11 22:09 /home/acadgild/hadoop/word_count.txt
[acadgild@localhost hadoop]$

```

Output:-

All Tasks are executed successfully.

Submitted by  
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