

Assignment 1.4

Task:3

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

Put some 10-15 records of date and temperature example:

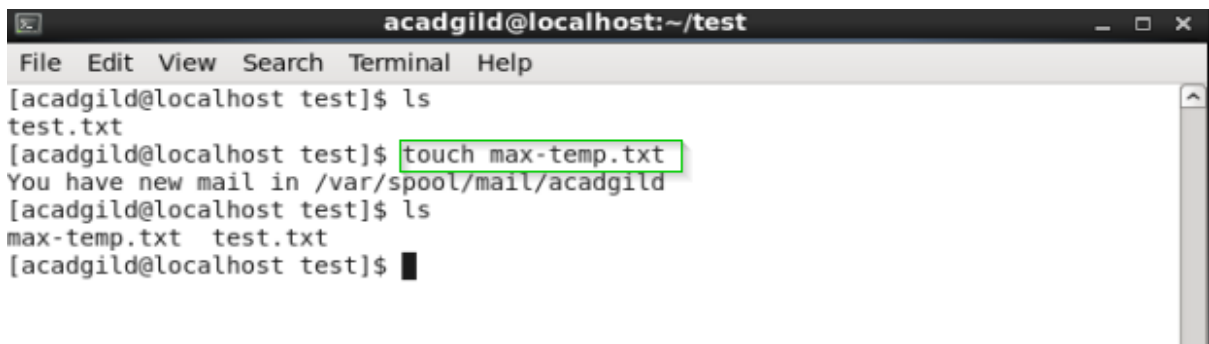
dd-mm-yyyy,temperature

Example:

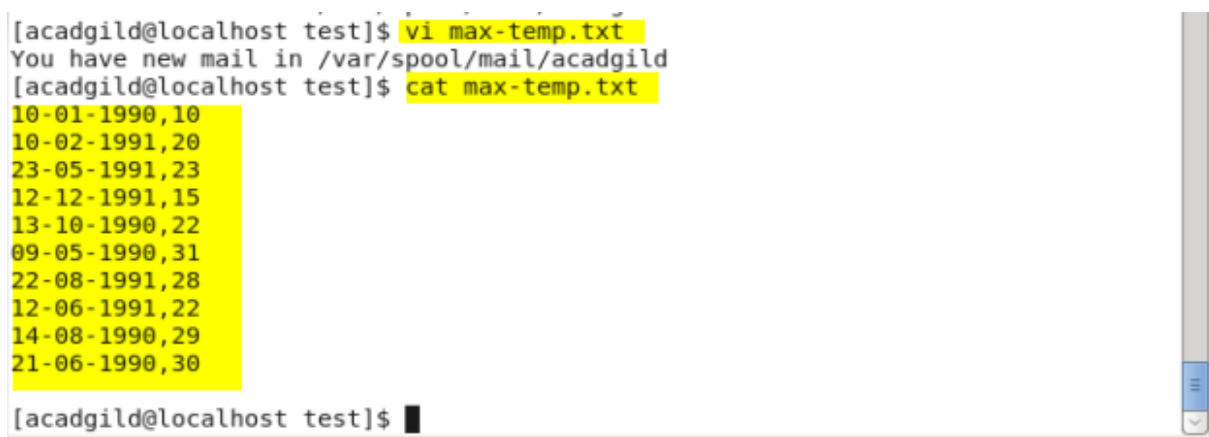
10-01-1990,10

10-02-1991,20

Move this file to HDFS at /user/acadgild/hadoop.

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

```
[acadgild@localhost test]$ ls
test.txt
[acadgild@localhost test]$ touch max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost test]$ ls
max-temp.txt  test.txt
[acadgild@localhost test]$
```

A terminal window showing the contents of the file max-temp.txt. The commands and output are:

```
[acadgild@localhost test]$ vi max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost test]$ cat max-temp.txt
10-01-1990,10
10-02-1991,20
23-05-1991,23
12-12-1991,15
13-10-1990,22
09-05-1990,31
22-08-1991,28
12-06-1991,22
14-08-1990,29
21-06-1990,30
[acadgild@localhost test]$
```

```
acadgild@localhost:~/test
File Edit View Search Terminal Help
[acadgild@localhost test]$ hadoop fs -ls /user/acadgild/hadoop
18/05/12 23:27:37 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 331 2018-05-12 23:01 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost test]$ hadoop fs -put max-temp.txt /user/acadgild/hadoop
18/05/12 23:28:19 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 test]$ hadoop fs -ls /user/acadgild/hadoop
18/05/12 23:28:26 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 141 2018-05-12 23:28 /user/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup 331 2018-05-12 23:01 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost test]$ hadoop fs -cat /user/acadgild/hadoop/max-temp.txt
18/05/12 23:29:11 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
23-05-1991,23
12-12-1991,15
13-10-1990,22
09-05-1990,31
22-08-1991,28
12-06-1991,22
14-08-1990,29
21-06-1990,30
[acadgild@localhost test]$
```

Tasks:4

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.

```
acadgild@localhost:~/test
File Edit View Search Terminal Help
[acadgild@localhost test]$ hadoop fs -ls /user/acadgild/hadoop
18/05/12 23:31:25 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 141 2018-05-12 23:28 /user/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup 331 2018-05-12 23:01 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost test]$ hadoop fs -chmod 640 /user/acadgild/hadoop/max-temp.txt
18/05/12 23:36:51 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 test]$ hadoop fs -ls /user/acadgild/hadoop
18/05/12 23:36:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r----- 1 acadgild supergroup 141 2018-05-12 23:28 /user/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup 331 2018-05-12 23:01 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost test]$
```