

## **Task1:**

### **Make a directory in hdfs**

Hadoop fs -mkdir /user/hadoop

```
[acadgild@localhost ~]$ hadoop fs -mkdir /user/hadoop
19/05/10 00:46:52 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
```

### **Validate if a directory path exist or not /user/acadgild/hadoop**

Hadoop fs -ls /user/acadgild/hadoop

```
[acadgild@localhost ~]$ hadoop fs -mkdir /user/acadgild/hadoop
19/05/10 00:58:51 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

## **Task2:**

### **Create Word-count.txt :**

Hadoop fs -copyFromLocal wordcount.txt /user/acadgild/hadoop

### **Validate if file word-count.txt got copied**

Hadoop fs -ls /user/acadgild/hadoop

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop
19/05/10 01:27:57 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 55 2019-05-10 01:26 /user/acadgild/hadoop/word-count.txt
```

### **View a file in HDFS :**

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop
19/05/10 01:27:57 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 55 2019-05-10 01:26 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost ~]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
19/05/10 01:34:39 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hello brother how many words are present in this file.
You have new mail in /var/spool/mail/acadgild
```

### **Append to the file :**

Hadoop fs -appendToFile - /user/acadgild/Hadoop/word-count.txt

```
[acadgild@localhost ~]$ hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt
19/05/10 02:12:14 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hello i want to write here okS
```

```
[acadgild@localhost ~]$ hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt
19/05/10 02:21:23 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
this will append to the file
```

### Task3:

Create a new file max-temp.txt and move it to /user/acadgild/hadoop

```
[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  Templates  Videos
Documents  eclipse  install  Music  Public  user  word-count.txt
19/05/10 02:25:58 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
Assesses where applicable
You have new mail in /var/spool/mail/acadgild
```

Appending temperature data to the max-temp.txt file.

```
[acadgild@localhost ~]$ hadoop fs -appendToFile -/user/acadgild/hadoop
appendToFile: missing destination argument
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -appendToFile - /user/acadgild/hadoop/max-temp.txt
19/05/10 02:28:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
Assesses where applicable
01-05-2019,41
02-05-2019,43
03-05-2019,42
04-05-2019,41
05-05-2019,41
06-05-2019,40
07-05-2019,41
08-05-2019,40
09-05-2019,41
10-05-2019,40^C
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -cat /user/acadgild/hadoop/max-temp.txt
19/05/10 02:30:31 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
Assesses where applicable
01-05-2019,41
02-05-2019,43
03-05-2019,42
04-05-2019,41
05-05-2019,41
06-05-2019,40
07-05-2019,41
08-05-2019,40
09-05-2019,41
```

### Task4:

Added a user and a group

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ sudo usermode -a -G group1 mario
sudo: usermode: command not found
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ sudo usermod -a -G group1 mario
[acadgild@localhost ~]$ id mario
uid=501(mario) gid=502(mario) groups=502(mario),501(group1)
[acadgild@localhost ~]$
```

Change the permission for max-temp.txt

```
[acadgild@localhost ~]$ hadoop fs -chmod -R -r /user/acadgild/hadoop/max-temp.txt
19/05/10 03:27:45 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
Assesses where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop
19/05/10 03:27:59 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform...
Assesses where applicable
Found 2 items
-----
-rw-r--r-- 1 acadgild gourp1 126 2019-05-10 02:29 /user/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup 115 2019-05-10 02:21 /user/acadgild/hadoop/word-count.txt
```