

Task 1:

Creation of file named word-count.txt in hdfs.

Showing created file with the help of **hdfs dfs -ls /user1/acadgild/hadoop.**

```
[acadgild@localhost Documents]$ hdfs dfs -ls /user1/acadgild/hadoop/
18/05/07 23:05:03 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      215 2018-05-07 23:01 /user1/acadgild/hadoop/word-count.txt
```

Task 2:

Data in the word-count.txt file before appending text to it.

```
[acadgild@localhost Documents]$ hdfs dfs -cat /user1/acadgild/hadoop/word-count.txt
18/05/07 22:54:19 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hi this is manoj from Siemens healthineers.
```

Command that will append the text to word-count.txt from standard input.

hdfs dfs -appendToFile - /user1/acadgild/hadoop/word-count.txt

After executing the above command it will show the standard input prompt to enter some text. After writing the data and exit command, Data will be appended to the file.

```
[acadgild@localhost Documents]$ hdfs dfs -appendToFile - /user1/acadgild/hadoop/word-count.txt
18/05/07 23:00:29 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hi i am a senior systems engineer and i am developing a scanner application.
I aspire to be a expert data analyst and machine learning expert.
I hope journey begins here.
^CYou have new mail in /var/spool/mail/acadgild
[acadgild@localhost Documents]$ hdfs dfs -cat /user1/acadgild/hadoop/word-count.txt
18/05/07 23:02:11 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hi this is manoj from Siemens healthineers.
hi i am a senior systems engineer and i am developing a scanner application.
I aspire to be a expert data analyst and machine learning expert.
I hope journey begins here.
```

Task 3:

```
[acadgild@localhost Documents]$ nano max-temp.txt
[acadgild@localhost Documents]$ ls
max-temp.txt  word-count.txt
[acadgild@localhost Documents]$ █
```

Above screen shot shows the max-temp.txt is created in local file system and its contents are

```
[acadgild@localhost Documents]$ cat max-temp.txt
10-01-1990,10
10-02-1990,20
10-03-1990,30
10-04-1990,40
10-05-1990,50
10-06-1990,60
10-07-1990,70
10-08-1990,80
10-09-1990,90
10-10-1990,100
```

After moving the file from local to hdfs using the following command

Hdfs dfs -moveFromLocal ~/Documents/max-temp.txt /user1/acadgild/hadoop/

```
[acadgild@localhost Documents]$ hdfs dfs -moveFromLocal ~/Documents/max-temp.txt
/user1/acadgild/hadoop/
18/05/07 23:38:55 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry for your platform... using builtin-java classes where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Documents]$ hdfs dfs -cat /user1/acadgild/hadoop/max-temp.tx
t
18/05/07 23:39:15 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry for your platform... using builtin-java classes where applicable
10-01-1990,10
10-02-1990,20
10-03-1990,30
10-04-1990,40
10-05-1990,50
10-06-1990,60
10-07-1990,70
10-08-1990,80
10-09-1990,90
10-10-1990,100
```

Task-4:

Below Screen shot shows the Command sequence

Unrestricted

```

[acadgild@localhost Documents]$ hdfs dfs -ls /user1/acadgild/hadoop/
18/05/07 23:42:58 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      142 2018-05-07 23:38 /user1/acadgild/hadoop/max-temp.txt
-rw-r--r--  1 acadgild supergroup      215 2018-05-07 23:01 /user1/acadgild/hadoop/word-count.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Documents]$ hdfs dfs -chmod 771 /user1/acadgild/hadoop/max-temp.txt
18/05/07 23:50:05 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 Documents]$ hdfs dfs -ls /user1/acadgild/hadoop/
18/05/07 23:50:14 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rwxrwx--x  1 acadgild supergroup      142 2018-05-07 23:38 /user1/acadgild/hadoop/max-temp.txt
-rw-r--r--  1 acadgild supergroup      215 2018-05-07 23:01 /user1/acadgild/hadoop/word-count.txt

```

As shown above Command used to give full control to owner and group members is

Hdfs dfs -chmod 771 /user1/acadgild/hadoop/max-temp.txt.

4-read,2-write,1-execute $4+2+1=7$ which will full control,here owner and group members got 7 in the command and others got execute permission only.