**HDFS Commands Assignment: 1**

1. List all HDFS2 Daemons.
2. Write a command to switch admin terminal.
3. Write a command from admin terminal switch to user terminal.
4. Write a command to get IP address.
5. Write a command to get current working directory.
6. Write a HDFS command to display version of Hadoop.
7. List all HDFS commands in the user terminal.
8. Create a HDFS directory named as “Banking”.
9. Write a command to know more information about any HDFS command.
10. Create a multiple directories namely /banking/card, /banking/payments, /banking/markets.

**HDFS Commands Assignment: 2**

1. Copy a file from LFS named as “emp.txt” to HDFS /banking use put command.
2. Copy a file from LFS named as “data.txt” to HDFS /banking use copyFromLocal command.
3. Copy a file from HDFS /banking/data.txt to LFS /home/cloudera/Desktop/cards use get command.
4. Copy a file from HDFS /banking/emp.txt to LFS /home/cloudera/Desktop/cards use copyToLocal command.
5. View the contents of the file /banking/data.txt use cat command.
6. View the contents of the file /banking/emp.txt use text command.
7. List all the contents of /banking directory.
8. Create a parent directory with the following path /retail/travel.
9. Create an empty file named as “input.txt” to /banking directory.
10. Check whether “input.txt” is an empty file or not.
11. Check whether “/banking” is a directory or not.
12. Check whether /banking/emp.txt is a file or not.
13. Remove a file “/banking/input.txt”.
14. Copy a file from HDFS “/banking/Emp.txt” into “/banking/payments”.
15. Rename a file” /banking/payments/Emp.txt” into “/banking/markets”.

**HDFS Commands Assignment: 3**

1. Count the number of files in the HDFS directory “/banking”.
2. Give all permissions for the “emp.txt” in the “/banking” HDFS directory.
3. Set replication factor as 3 to the “emp.txt” in the “/banking” HDFS directory.
4. Move the file “/home/cloudera/Desktop/sample.txt” into the HDFS path “/banking” and also ensure that source path is removed.
5. Display the contents of the file “/banking/sample.txt” use tail command.
6. Consider 3 files in the HDFS “/banking/emp.txt”,”/banking/empdataset.txt”,” /banking/data.txt” and merge all these 3 files into one file named as “/home/cloudera/Desktop/result.txt”.
7. Count the number of words, characters and lines for the “/home/cloudera/Desktop/sample.txt”
8. Count the number of words only for the “/home/cloudera/Desktop/sample.txt”
9. Count the number of lines only for the “/home/cloudera/Desktop/sample.txt”
10. Count the number of characters only for the “/home/cloudera/Desktop/sample.txt”
11. Recursively remove the directory “/banking”