

Table of Contents

1. Create a new file in local machine.....	
2. Create a directory in HDFS.....	
3. List files and directories in HDFS.....	
4. Copy file from local machine to HDFS.....	
5. Display content of file in HDFS.....	
6. Create a directory in local machine.....	
7. Copy file from HDFS to local machine.....	
8. Copy file from one directory to another in HDFS.....	
9. Delete the file in HDFS.....	
10. Help in HDFS.....	

1. Create a file abc.txt with valid data in local UNIX machine using vi editor

```
$ vi /home/abc.txt
```

To insert into vi editor press i and then start writing content.

To Save & exit from vi editor press → esc then :wq then enter

2. Create a directory named input in HDFS

```
$ hadoop fs -mkdir /input
```

3. Create another directory named input_new in HDFS

```
$ hadoop fs -mkdir /new_input
```

4. List all the files and directories in HDFS

```
$ hadoop fs -ls /
```

5. Copy the file abc.txt from local UNIX machine to /input directory of HDFS

```
$ hadoop fs -copyFromLocal /home/abc.txt /input/abc.txt
```

OR

```
$ hadoop fs -put /home/abc.txt /input/abc.txt
```

6. Display the content of file abc.txt present in HDFS

```
hadoop fs -cat /input/abc.txt
```

7. Create a directory named new_dir in local UNIX machine under /home directory

```
$ mkdir /home/new_dir
```

8. Copy the file abc.txt present in /input/abc.txt directory of HDFS to local UNIX directory /new_dir

```
$ hadoop fs -ls copyToLocal /input/abc.txt /home/new_dir/abc.txt
```

OR

```
$ hadoop fs -ls get /input/abc.txt /home/new_dir/abc.txt
```

9. Copy file abc.txt from one directory /input/abc.txt to another directory /new_input/ in HDFS

```
hadoop fs -cp /input/abc.txt /new_input/abc.txt
```

10. Delete the file abc.txt from HDFS

```
hadoop fs -rm /input/abc.txt
```

11. Delete the /input directory from HDFS

```
hadoop fs -rm -[r] /input
```

12. Help

```
hadoop fs -help
```