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| EXP NO: 2 | Hadoop Implementation of file management tasks, such as Adding files and directories, retrieving files and deleting files |
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| DATE: |  |

**AIM: -**

**BACKGROUND THEORY: -**

# **PROCEDURE: -**

* Switch to superuser mode using sudo su.
* Adding Files to HDFS
  + To upload a local file to HDFS, use the hdfs dfs -put
* Listing Files and Directories
  + To list files and directories in a specific HDFS directory, use the hdfs dfs -ls command
* Creating Directories in HDFS
  + To create a new directory in HDFS, use the hdfs dfs -mkdir command
* Retrieving Files from HDFS
  + To download a file from HDFS to your local filesystem, use the hdfs dfs -get command
* Deleting Files from HDFS
  + To delete a file from HDFS, use the hdfs dfs -rm command
* Deleting Directories from HDFS
  + To delete a directory and its contents from HDFS, use the hdfs dfs -rm -r command
* Viewing File Contents in HDFS
  + To view the contents of a file in HDFS, use the hdfs dfs -cat command
* Checking Disk Usage of HDFS Directory
  + To check disk usage of files and directories in HDFS, use the hdfs dfs -du -h command
* Copying Files within HDFS
  + To copy a file or directory within HDFS, use the hdfs dfs -cp command
* Moving Files within HDFS
  + To move a file or directory within HDFS, use the hdfs dfs -mv command

# **CODING: -**

* sudo su
* hdfs dfs -put /local/path/to/file /hdfs/path/
* hdfs dfs -ls /hdfs/path/
* hdfs dfs -mkdir /hdfs/path/
* hdfs dfs -get /hdfs/path/to/file /local/path/
* hdfs dfs -rm /hdfs/path/to/file
* hdfs dfs -rm -r /hdfs/path/to/directory
* hdfs dfs -cat /hdfs/path/to/file
* hdfs dfs -du -h /hdfs/path/
* hdfs dfs -cp /hdfs/source/path /hdfs/destination/path
* hdfs dfs -mv /hdfs/source/path /hdfs/destination/path

# **OUTPUT: -**



