To run any commands initially run ./start-all.sh

And while exiting ./stop-all.sh

HADOOP COMMANDS

1. Create an input directory

**hdfs dfs -mkdir -p tdata**

1. HDFS put Command transfer and store the data file from the local systems to the HDFS using the following commands in the terminal.

**hdfs dfs -put /home/hadoop/input.txt tdata/**

1. HDFS get command transfer and store the data file to local systems from HDFS

**hdfs dfs -get student/input1.txt /home/hadoop/**

1. To create an empty file in hdfs

**hdfs dfs -touchz student/test.txt**

1. Read the content from the file

**hdfs dfs -cat tdata/test.txt**

1. Copy From Local and copy To Local

**hdfs dfs -copyFromLocal /home/hadoop/test.txt test/**

**hdfs dfs -copyToLocal test/test.txt test.txt.hdfs**

1. To set replication factor

**hdfs dfs -setrep -w 5 tdata/test.txt**

1. To get replication factor

**hdfs dfs -stat "%r" tdata/test.txt**

1. List of files of directory

**hdfs dfs -ls or hdfs dfs -ls student**

1. Copy the file content from one location to other

**hdfs dfs -cp InputDir/input.txt student**

1. To Move file from one place to another

**hdfs dfs -mv InputDir/input.txt student**

1. To remove to file or directory

**hdfs dfs -rm OutputDir or hdfs dfs -rm OutputDir/input.txt**