**Your Corrected Workflow**

Here's the correct sequence based on what you were trying to do:

bash

*# Take the namenode out of safe mode*

hdfs dfsadmin -safemode leave

*# Remove the corrupted input file*

hdfs dfs -rm -r /input/11.txt

*# Upload a fresh copy of the file*

hadoop fs -put "C:\Users\samar\Desktop\6th Semester Notes\DSBDA\DSBDA\lab 11\11.txt" /input

*# Remove any existing output directory*

hdfs dfs -rm -r /output1

*# Run the MapReduce job*

hadoop jar "C:\Users\samar\Desktop\6th Semester Notes\DSBDA\DSBDA\lab 11\WordCountMapReduce.jar" com.mapreduce.wc.WordCount /input/11.txt /output1

*# View the results*

hdfs dfs -cat /output1/\*

**The Correct Output**

When run correctly, you'll get the word count as seen in your last command:

DSBDA 2

HADOOP 1

PRACTICAL 2

SAMARTH 1

SHENDRE 1

## Basic Hadoop Steps ##

**Steps to Access HDFS**

(i)start-all.cmd / start-dfs.cmd / start-yarn.cmd

(ii)jps

(iii)clas – to verify

Do not Close the CMD

// URL TO HADOOP

<http://localhost:9870>

(i)Namenode – <http://localhost:50070>

(ii)Hadoop Cluster – <http://localhost:8088>

**## Basic Application ##**

hadoop version

Run cmd as Administrator

Start-all.cmd , jps

It executes DataNode,NodeManager,ResourceManager,NameNode,JPS

<http://localhost:9870>

A)Make Directory

hadoop fs -mkdir /input

B)Insert File

hadoop fs -put (path) /input

hadoop fs -ls /input

# Create Java Project in Eclipse

(i)Use JRE – Java SE 1.8

Create new package – ex : com.mapreduce.lf

Build Path -> Configure Build Path ->Add External JAR’s -> Hadoop ->share -> all jar’s client , common – lib , yarn , mapreduce, hdfs all

(ii)Create New Class – File\_name.java

(iii)Copy and Paste Java Code

(iv)Export the code as JAR File

Hadoop jar (path) com.mapreduce.wc/**class\_name** /**input/page1.txt** /**output**

# See the Output

Hadoop dfs -cat /output/\*

// Leave the Safemode

Hdfs dfsadmin -safemode leave

## Change the compliance level

Project -> properties -> 1.8

(v)Delete the file

hdfs dfs -rm -r /output

**## Store the Output ##**

hdfs dfs -get /output/part-r-00000 (path to store)\file\_name.txt