ABD

Hadoop Working :-

→ ~~Start-dfs.sh~~ start-yarn.sh

→ start-dfs.sh && start-yarn.sh (To start hdfs & yarn)

→ jps → To check the source is running

→ localhost:9870 (type this in browser) ~~to~~ ~~done~~

→ hdfs dfs -ls (This will display all directories

→ hdfs dfs -mkdir /user-name (To creat directorie)

→ after above step creat one text file
~~go to the terminal~~ where the textfile is created from that directory we need to execute the cmd. (Cat testfile. ~~txt~~)

                    ↗ local file   ↗ target to store

→ hdfs dfs -put testfile /user (To transfer data from testfile to hdfs target (user)) after this go to browser ink that localhost:9870, inthat go to the destination ~~file~~ folder, go to your file.

→ hdfs dfs -ls /user → To check that the files are ~~trans~~ tranferd or not.

               ↗ spaces

→ hdfs dfs -cat /user /testfile (To check what is in hadoop file)

→ hdfs dfs -get /user/testfile (Copy from localhost to to the our drive, only one file can be transferd at a time)

→ ls (To check file transferd to local)

→ hdfs dfs -Cat /user /testfile (To check what is in the file)

→ hdfs dfs -append ToFile testfile2 /user/testfile
(This ~~means~~ is for combaining the one file created in the local devices to the file present in the hdfs local host), first Creat testfile2 in local device in the same folder in the testfile

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Squoop

First create one database
→ Create database name; → to create
→ use retail; (To use this current database)
→ Select *from retail → to check the database

    To import the ~~s~~ Sql file to the mysqal database.

→ ~~use sql~~ use retail (databasename);
→ Source /home/thejas /dowloads / retail-db. Sql (sql file)
→ use retail
→ show tables.
→ desc categories → to check the decription of that table

   To grant the privlage

→ grant all privilegas on *.* to 'thejas' @ 'localhost' identified by 'manipal';

password classification

There are 3 types strong, week, medium.

Password plugin

→ uninstall plugin validate - password;

Sqoop Commands :-

1) list all database :- list-database
2) list all tables in specified db :- list-tables
3) Import data from specific table :- import
4) import all table from db :- import-all-tables
5) Exporting data from Squoop :- export
6) Query from local rdbms :- eval (To run Query using sqoop)

Open eclipse

go to files
 ↳ new → java Project
  ↳ give name of project
   ↳ we choos javaSE - 1.8 & press next
    ↳ Press finish.

goto files
 ↳ new → class
  ↳ give name of class. (check the public static void main)

To include libraries

Right click on the project file go to properties in properties go to java build path
 ↳ go to libraries
  ↳ select etternall jar.
   ↳ select opt/hadoop/share/hadoop/Common
    ↳ Select hadoop Common - 3.2.1.jar

  for second libraries.
   ↳ select opt/hadoop/share/hadoop/mapreduce
    ↳ hadoop - mapreduce - client - Core 3.2.1 jar

after copy past program run the
right click on project file
 ↳ select export in this Java in this JAR file.
  ↳ next give path to save
   ↳ next.

Creat input.txt file with some Contant.

Q in cmd ↳

Desktop > hdfs dfs -ls /

> hdfs dfs ~~put~~ ∅ -mkdir ·/wordcount5

> hdfs dfs -ls /

> hdf dfs -put ·/home/msis/Desktop/input.txt /wordcount

> hdfs dfs -ls /wordcount   # to check

❀ Desktop > hadoop jar wordcount5.jar   wordcount5.wordcount5
   ~~change~~ /temp/input ~~input~~
                      /temp/output

localhost 9870 → utilitie → brows files/m → name → o/p
                                                    ↳ Part-000
                                                    ↳ click
                                                    ↳ downlod
                                                  Click - hed

sudheer-k-bhat

Creat database db2;
use db2;
creat table dbtable (
   dep-id int, dp-prd-id int, dp-name varchar(45))