Experiment 7: Sqoop and Pig

1. jps
2. open mysql

create table empsal (eid int, esal int);

insert into empsal values (1,1000), (2,2000), (3,3000), (4,4000), (5,5000);

select \* from empsal;

1. Import data into hdfs using sqoop:

after jps command, type:

sqoop import --connect jdbc:mysql://localhost:3306/emp --table empsal --username hadoop --password 123456 --target-dir /sqooptranser/emp -m 1

<press enter key>

1. Load recently imported hdfs data into pig and perform analysis:

in terminal, type

pig -x local

in grunt prompt, type commands:

sqoopdata = LOAD ‘hdfs://localhost:8020/sqooptranser/emp1’ USING PigStorage(‘,’) AS (eid:int, esal:int);

output1= FILTER sqoopdata BY esal > 2000;

dump output1;

**cd /$Hadoop\_Home/sbin/**

**hadoop@comp-ThinkCentre-M720t://sbin$ stop-all.sh**

**hadoop namenode**

**start-dfs.sh**

**start-yarn.sh**

then start pig