18/02/25   Experiment - 4

① Step 1 :- Open vm ware workstation and start ubuntu

Step 2 :- Click on home then go to pig folder then select bin folder and right click open terminal

Step 3 :- Check the pig version : $ pig -version.

Step 4 :- Creating a text file

Step 5 :- gedit   studentdata .txt write the some text.

Date :-
Krishna , 1, 22, cse
tani , 2, 21, csd
raju , 3, 22, aiml
sita , 2, 20, cse
rama, 1, 23, csd
hai, 1, 22, awl
vishnu , 3, 25, cse
laxmi, 3, 20, csd
vishva , 2, 22, aiml
teja , 4, 23, cse

Step 6 :- Save the file and close.

Step 7 :- start pig : pig -x local.

Step 8 :- To load data from local System.

~~data~~
mydata = LOAD ⑤`/home/student/pig/bin/studentdata.txt` ③
 ↓   USING ⑤PigStorage (`,`) ⑤ AS ⑤(name : char array,
alias   rollnumber : int ,   age : int,   class : char array);

Step 9: To dump the loaded data: dump ~~data~~ mydata;

Step 10: To describe the data : describe mydata;

Step 11: Query 1 : Grouping All Records class.
(This command will group all the records by the
column class).

Step 12: grunt > studentsbranch = GROUP mydata BY class;

Too see the output

Step 13 :- dump studentsbranch;

To see the output.

Step 14 :- To store data into local System

STORE studentsbranch INTO `result.txt` USING

PigStorage (`,`);

Step 15 :- See the output in bin folder select the
output txt then open part-r-00000.

Output :-

result.txt :-

1. csd, { (laxmi, 3, 20, csd), (rama, 1, 23, csd), (rani, 2, 21, csd) }

2. cse, { (teja, 4, 23, cse), (vishnu, 2, 25, cse), (sita, 2, 20, cse), (krishna, 1, 22, cse) }

3. aiml, { (vishva, 2, 22, aiml), (raju, 3, 22, aiml) }

new