

## Pig Latin scripts on DESCRIBE, FOREACH and ORDER BY operations

DATE : 17-03-23

CYCLE :

Exp. No. : 5

Aim:- write pig Latin scripts on DESCRIBE, FOREACH and ORDER BY operations.

open terminal in cloudera vm virtual box and type the command pig.

open the command text editor and enter data (branchid, branchname, strength)

3. open the text file as 'gpsec.txt' in home/cloudera/dist/

Ex:-

101, cse, 10

102, ece, 20

103, ee, 30

104, me, 40

4. In grunt shell type the command  
fs -put /home/cloudera/dist/gpsec.txt.

5. In grunt shell type the command gpsec-data = LOAD 'gpsec.txt' using pigstorage.

(' , ') as (branchid:int, branch:chararray strength:int);

6. In grunt shell type the command DUMP  
gpsec-data

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- (101, cse, 10)  
(102, ece, 20)  
(103, ee, 30)  
(104, me, 40)
7. foreach\_opt1 = FOREACH gptec\_data GENERATE branch, strength;
8. DUMP foreach\_opt1;  
(cse, 10)  
(ece, 20)  
(ee, 30)  
(me, 40)
9. foreach\_opt2 = FOREACH gptec\_data GENERATE LOWER(branch
10. DUMP foreach\_opt2;  
(cse)  
(ece)  
(ee)  
(me)
11. orderby\_opt1 = ORDER gptec\_data BY strength DESC;
12. DUMP orderby\_opt1;
- (101, cse, 10)  
(102, ece, 20)  
(103, ee, 30)  
(104, me, 40)

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