

// Words User in Word count pig script are FLATTEN,TIKENIZE,STORE

input1 = LOAD 'wordcount.txt' AS (line1:chararray);

Words = FOREACH input1 GENERATE FLATTEN(TOKENIZE(line1, ' ')) AS word;

Grouped = GROUP Words by word;

wordcount= FOREACH Grouped GENERATE group,COUNT(Words);

STORE wordcount INTO 'wcoutput.txt';

// Word use in analysis of employee and employee expense records are below

// MIN,MAX,SUM,DISTINCT,CONCAT,IEMPTY

empexpense = load 'employee_expenses.txt' As (emp_id:int, emp_expense:int);

emp = load 'employee_details' USING PigStorage(',') As (emp_id:int, emp_name:chararray,
emp_salary:int, emp_rating:int);

emp_join = JOIN emp by emp_id , empexpense by emp_id;

emp_join_final = FOREACH emp_join generate
emp::emp_id,emp_name,emp_salary,emp_rating ;

emp_join_grp = DISTINCT emp_join_final;

emp1 = GROUP emp by emp_rating;

emp_join_grp_max = FOREACH emp1 generate group, MAX(emp.emp_salary);

dump emp_join_grp_max;

emp_join_grp_sum = FOREACH emp1 generate group, SUM(emp.emp_salary);

dump emp_join_grp_sum;

emp_join_grp_min = FOREACH emp1 generate group, MIN(emp.emp_salary);

dump emp_join_grp_min;

```
emp_limit = LIMIT emp_join_grp_min 1;  
dump emp_limit;  
empconcat = FOREACH emp GENERATE CONCAT('EMP NAME :',emp_name);  
empfilter = FILTER emp by ISEMPTY(emp_name);  
dump empfilter;
```