**Session 7 Assignment – 2**

* **Top 5 Employees :** 
  + **edetails = LOAD ‘employee\_details’ USING PigStorage(‘,’) AS (id:int,name:chararray,sal:int,rank:int);**
  + **esrt = ORDER edetails BY rank desc, name;**
  + **top5 = LIMIT esrt 5;**
  + **dump top5;**
* **Top3 Employees by Salary:**
  + **esalsrt = ORDER edetails BY SAL desc, name;**
  + **Femp = FILTER esalsrt BY id%2 > 0;**
  + **Top3 = LIMIT Femp 3;**
  + **DUMP Top3;**
* **Top Employee by Expense:**
  + **edetails = LOAD 'employee\_details' USING PigStorage(',') AS (id:int,name:chararray,sal:int,rank:int);  
    eexp = LOAD 'emp\_expenses' USING PigStorage('\t') AS (Xid:int,exp:int);  
    Jemp = Join edetails BY id, eexp BY Xid;  
    gemp = GROUP Jemp BY $0;  
    teexp = FOREACH gemp GENERATE group,Jemp.$1, SUM(Jemp.$5);  
    Femp = FOREACH teexp GENERATE $0,FLATTEN($1),$2;  
    demp = distinct Femp;  
    esrt = ORDER demp BY $2 desc;  
    emax = LIMIT esrt 1;  
    dump emax;**
* **List Of Employees With Expenses**
  + **edetails = LOAD 'employee\_details' USING PigStorage(',') AS (id:int,name:chararray,sal:int,rank:int);  
    eexp = LOAD 'emp\_expenses' USING PigStorage('\t') AS (Xid:int,exp:int);  
    LJemp = Join edetails BY id left outer, eexp BY Xid;  
    Listexp = FILTER LJemp BY $4 IS NOT NULL;  
    dump Listexp**
* **List Of Employees Without Expenses**
  + **details = LOAD 'employee\_details' USING PigStorage(',') AS (id:int,name:chararray,sal:int,rank:int);  
    eexp = LOAD 'emp\_expenses' USING PigStorage('\t') AS (Xid:int,exp:int);  
    LJemp = Join edetails BY id left outer, eexp BY Xid;  
    Listexp = FILTER LJemp BY $4 IS NULL;  
    dump Listexp;**