**1**.**List All employee records.**

emp = LOAD 'employee.txt' USING PigStorage(',') AS (empno:double, ename:chararray, job:chararray, manager:double, joining\_data:chararray, salary:double, commission:double, deptno:double);

DUMP emp;

**OUTPUT:**

(7369.0,SMITH,CLERK,7902.0,1980-12-17,800.0,,20.0)

(7499.0,ALLEN,SALESMAN,7698.0,1981-02-20,1600.0,300.0,30.0)

(7521.0,WARD,SALESMAN,7698.0,1981-02-22,1250.0,500.0,30.0)

(7566.0,JONES,MANAGER,7839.0,1981-04-02,2975.0,,20.0)

(7654.0,MARTIN,SALESMAN,7698.0,1981-09-28,1250.0,1400.0,30.0)

(7698.0,BLAKE,MANAGER,7839.0,1981-05-01,2850.0,,30.0)

(7782.0,CLARK,MANAGER,7839.0,1981-06-09,2450.0,,10.0)

(7788.0,SCOTT,ANALYST,7566.0,1982-12-09,3000.0,,20.0)

(7839.0,KING,PRESIDENT,,1981-11-17,5000.0,,10.0)

(7844.0,TURNER,SALESMAN,7698.0,1981-09-08,1500.0,0.0,30.0)

(7876.0,ADANS,CLERK,7788.0,1983-01-12,1100.0,,20.0)

(7900.0,JANES,CLERK,7698.0,1981-12-03,950.0,,30.0)

(7902.0,FORD,ANALYST,7566.0,1981-12-03,3000.0,,20.0)

(7934.0,MILLER,CLERK,7782.0,1982-01-23,1300.0,,10.0)

**2. List unique Job titles from EMP data**

emp1 = FOREACH emp GENERATE(job);

emp2 = DISTINCT emp1;

DUMP emp2;

**OUTPUT:**

(CLERK)

(ANALYST)

(MANAGER)

(SALESMAN)

(PRESIDENT)

**3.List employee records in desc order of their emp nbr**

emp3 = ORDER emp BY empno DESC;

DUMP emp3;

**OUTPUT:**

(7934.0,MILLER,CLERK,7782.0,1982-01-23,1300.0,,10.0)

(7902.0,FORD,ANALYST,7566.0,1981-12-03,3000.0,,20.0)

(7900.0,JANES,CLERK,7698.0,1981-12-03,950.0,,30.0)

(7876.0,ADANS,CLERK,7788.0,1983-01-12,1100.0,,20.0)

(7844.0,TURNER,SALESMAN,7698.0,1981-09-08,1500.0,0.0,30.0)

(7839.0,KING,PRESIDENT,,1981-11-17,5000.0,,10.0)

(7788.0,SCOTT,ANALYST,7566.0,1982-12-09,3000.0,,20.0)

(7782.0,CLARK,MANAGER,7839.0,1981-06-09,2450.0,,10.0)

(7698.0,BLAKE,MANAGER,7839.0,1981-05-01,2850.0,,30.0)

(7654.0,MARTIN,SALESMAN,7698.0,1981-09-28,1250.0,1400.0,30.0)

(7566.0,JONES,MANAGER,7839.0,1981-04-02,2975.0,,20.0)

(7521.0,WARD,SALESMAN,7698.0,1981-02-22,1250.0,500.0,30.0)

(7499.0,ALLEN,SALESMAN,7698.0,1981-02-20,1600.0,300.0,30.0)

(7369.0,SMITH,CLERK,7902.0,1980-12-17,800.0,,20.0)