hive> create database employeedb;

hive> use employeedb;

Creating the table:

hive> create table employee(name string, ssn int, salary int, awards int ,taxpaid string ,eligibleforpayraise string)

> row format delimited

> fields terminated by ',';

1. Insert 5 values to employee table

hive>insert into Employee values

>(“Akash”,126,34678,2,yes,yes),

>(“Sarang”,127,89076,3,no,yes),

>(“AkashES”,128,64678,2,yes,yes),

>(“SarangParik”,129,59076,3,no,no),

>(“Avinash”,130,34678,1,no,no);

2. a) Rename the table name to “Emp”

hive> alter table employee rename to Emp

; hive> show tables; emp

b)Rename the column name “Eligible for pay raise “ to “eligible”

hive> alter table emp change eligible_for_pay_raise eligibility string;

hive> desc emp;

Insertion of employee data through csv file

hive> load data local inpath '/home/sahana/Desktop/empdbql.csv' into table emp;

3. Count the number of employee who are eligible for pay raise who had paid the tax

hive> select count(*) from emp where eligibility="YES" and taxpaid="YES";

4. Extract all the users ordered by the name who had paid the tax but are not paid the tax

hive> select name from emp where eligibility="NO" and taxpaid="YES" order by name;

5. Create a separate view containing “SSN” and “Salary” and call the view as sal_ssn_

hive> create view ssn_view as select SSN,salary from emp ;

hive> select * from ssn_view;

6. Display (eligible,salary) fields grouped by the eligibility

hive> select eligibility,salary from emp group by eligibility;

7. Display the (name,ssn) of employee whose salary is >40000 but<48000

hive>select name,ssn from emp where salary between 40000 and 48000;

8. Create a table order and perform the join operations

hive> create table orders (orderid int,custssn int,amount int)

> row format delimited

> fields terminated by ',';

hive> load data local inpath '/home/sahana/Desktop/orders.csv' into table orders;

a) Perform right outer join
hive> select * from emp e right outer join orders o on e.ssn=o.custssn;

b) Perform left outer join

hive> select * from emp e left outer join orders o on e.ssn=o.custssn;

c) Perform full outer join

hive> select * from emp e join orders o on e.ssn=o.custssn;