Hive
1NT18IS166

hive> create database employeedb;

hive> use employeedb;

Creating the table:
hive> create table employee(name string,ssn int,salary int,awards int,tax_paid string,eligible_for_pay_raise string)
    > row format delimited
    > fields terminated by ',';

1. **Insert 5 values to employee table**
hive> insert into employee values("Gombi",23457,46000,2,"YES","YES"),
    > ("Darshit",37845,39000,1,"NO","Yes"),
    >
    > ("Ishaan",43765,50000,3,"YES","NO"),
    > ("Karan",36578,42000,2,"YES","YES"),
    > ("Vedika",65475,34000,0,"NO","NO");
hive> select * from employee;

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/coder/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 tax_paid="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 tax_paid="YES" order by name;

5. **Create a separate view containing "SSN" and "Salary" and call the view as sal_ssn_**

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

hive> select * from sal_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/coder/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 full outer join orders o on e.ssn=o.custssn;