Exercise 2:Section 2

1) Crate database employeedb and a table in it with named employee

```
hive> use employeedb;
OK.
Time taken: 0.046 seconds
hive> create table employee(Name string, SSN int , Address string ,Dname string,Experience int);
Time taken: 1.419 seconds
hive> show tables;
OK
employee
Time taken: 0.05 seconds, Fetched: 1 row(s)
hive> desc employee;
name
                        string
                       int
string
string
int
address
dname
experience
Time taken: 0.491 seconds, Fetched: 5 row(s)
hive>
```

2.)Insert 5 values in table

- 3.) Demonstrate the Alter command for the following cases,
 - a. Rename the table name to "Emp".
 - b. Rename the column name "Dname" to "Dept_name".

```
hive> show tables:
OK
employee
Time taken: 0.035 seconds, Fetched: 1 row(s)
hive> alter table employee rename to Emp;
Time taken: 0.369 seconds
hive> show tables:
OK
emp
Time taken: 0.026 seconds, Fetched: 1 row(s)
hive> alter table emp change dname dept_name string;
Time taken: 0.284 seconds
hive> desc emp;
OK
name
                        string
SSN
                        int
salary
                        int
address
                        string
dept_name
                        string
experience
                        int
Time taken: 0.048 seconds, Fetched: 6 row(s)
hive>
```

4.) Retrieve all the employees who's salary is not less than 50000.

5.)Extract all employees who live in Bangalore but having less than 5 years of experience

```
hive> select * from emp where address= 'Banglore' and experience <5;
OK
Bharath 5001 55000 Banglore ISE 4
Time taken: 0.179 seconds, Fetched: 1 row(s)
hive> [
```

6.)Create separate view containing Name, Dept_name of employees

```
hive> create view details as (select name,dept_name from emp);

OK

Time taken: 0.323 seconds
hive> select * from details;

OK

Harsha ISE

Bharath ISE

Nikhil MECH

Harish CSE

Chinmaya Areo

Amith CSE

Time taken: 0.179 seconds, Fetched: 6 row(s)
hive>
```

7.)Display Name and SSN and use group by SSN and order by Name

```
Actions | Deminal * | Mades |
```

8.)Retrieve Maximum salary, minimum salary and Average salary of the employees

9.)Create Another table called Department with the following fields (Dname = Dept_name and perform the following joins (outer, left outer, right outer) over Dname

Dno	Dname
6	ISE

```
htwo create table department (dno int , dname string);

OK

The taken: 0.156 seconds

How show tables;

OK ables;

OK abl
```

->left outer join

->right outer join

->full outer join

```
hive select * from emp full outer join department where dname:

Guery 10 - hdoso_2019f70895391e 8fc42735-c075-4807-8908-c41923465cer

Total jobs - 1

SL-43: Found binding in [jar:file:/home/hdoos/hadpon-ja.2.1/share/hadoos/common/lb/slf4]-loy4]12-1.7.25.jari/org/slf4]/inpl/staticLoggerBinder.class[
SLF43: Found binding in [jar:file:/home/hdoos/hadpon-ja.2.1/share/hadoos/common/lb/slf4]-loy4]12-1.7.25.jari/org/slf4]/inpl/staticLoggerBinder.class[
SLF43: Found binding is of type [org.apache logging slf4].loy4]2-1.7.25.jari/org/slf4]/inpl/staticLoggerBinder.class[
SLF43: Actual binding is of type [org.apache logging slf4].loy4]2-1.7.25.jari/org/slf4]/inpl/staticLoggerBinder.class[
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