```
Create database org1;

use org1;

create table emp2(empid int,Fname string,Lname string,Address
string,City string) row format delimited fields terminated by ' ';


show tables;
scp myinput109.txt suresha@172.16.0.118:/home/suresh
load data local inpath '/home/suresha/myinput.txt'into table emp1;

select * from emp1;
select count(*) from emp1;
select * from org1.emp1 where empid>103;
alter table emp1 rename to emp;
insert into emp1 values(100,'zzz','zzz','addrz','cityz');
create table salary2(empid int,Basesalary float,Grosssalary float)
row format delimited fields terminated by ',';
load data local inpath '/home/suresha/myinput3.csv'into table
salary2;

drop table salary;
create external table salary(empid int,Basesalary float,Grosssalary
float) row format delimited fields terminated by ',' location '/
user/suresha/';

scp myinput1.txt suresha@172.16.0.118:/home/suresh
hdfs dfs -put myinput1.txt /user/suresha/

load data inpath 'hdfs:/user/suresha/myinput3.csv' into table
salary;

select * from salary;
select Fname from emp1;
select Fname,Lname,City from emp1 where city='city5';
alter table emp1 change Fname Firstname string;
select min(Basesalary) from salary1;
select max(Basesalary) from salary1 where Grosssalary>2000;
select sum(Grosssalary) from salary1;
select count(empid) from emp1;
select avg(Basesalary) from salary1;
select Firstname from emp1 where Firstname like 'a%';
select * from emp1 order by Lname desc;
describe emp1;
delete from emp1 where empid=100;
select * from salary1 where empid>100 or Grosssalary<5000;
select * from emp1 order by rand() limit 4;
select Fname as Firstname,Lname as Lastname from emp1;
select emp.empid,emp.Fname,Grosssalary from emp  inner join salary
on emp.empid=salary.empid;
create table innerjoinnew as select
```

```
emp1.empid,emp1.Fname,Grosssalary from emp1  inner join salary1 on
emp1.empid=salary1.empid;
select * from innerjoinnew;
SELECT LCASE("THIS IS ETL COURSE");
SELECT LCASE("THIS IS ETL COURSE") AS LOWER_CASE;
SELECT ucase("this is upper case") AS UPPER_CASE;
SELECT lower("THIS IS ETL COURSE") AS LOWER_CASE;
SELECT upper("this is upper case") AS UPPER_CASE;
SELECT char_length("THIS IS ETL COURSE") AS Length_of_string;
SELECT character_length("THIS IS ETL COURSE") AS Length_of_string;
SELECT length("THIS IS ETL COURSE") AS Length_of_string;
SELECT right("THIS IS ETL COURSE", 6) AS start_right_6;
SELECT mid("THIS IS ETL COURSE", 5,14) AS start_length;
SELECT substr("THIS IS ETL COURSE", 5,14) AS start_length;
SELECT substring("THIS IS ETL COURSE", 5,14) AS start_length;
SELECT substring_index("THIS IS ETL COURSE", " ",3) AS start_length;
SELECT ltrim("            THIS IS ETL COURSE") AS L_trim;
SELECT rtrim("            THIS IS ETL COURSE           ") AS
R_trim;
SELECT trim("            THIS IS ETL COURSE           ") AS R_trim;
SELECT reverse("This") AS reverse_string;
select format("500.1090",2);
select truncate("500.1090",2);
select ceil("500.1090");
select ceiling("500.1090");
select floor("500.1090");
select round("500.1090");
select truncate("500.1090",3);
select abs(-500.1090);
select sqrt(16);
select pow(4,2);
select power(4,2);


create table emp_static_part(empid int,Fname string,Lname
string,Address string)partitioned by (City string);
Insert into table emp_static_part partition(City='city2') select
empid,Fname,City from emp where City='city2';
Select * from emp_static_part;



create table emp_dynamic_part(empid int,Fname string,Lname
string,Address string)partitioned by (City string);
Set hive.exec.dynamic.partition.mode=nonstrict;
Insert into table emp_dynamic_part partition(City) select
empid,Fname,City from emp where City='city2';
Select * from emp_dynamic_part;


create table salary_bucket1(empid int,Basesalary float,Grosssalary
float)clustered by(Basesalary) into 10 buckets;

insert into table salary_bucket1 select * from salary2;
```