create database QJSpiders;

use qjspiders;

select \* from emp;

CREATE TABLE dept(

deptno int(10),

dname VARCHAR(14),

loc VARCHAR(13),

CONSTRAINT pk\_dept PRIMARY KEY (deptno));

CREATE TABLE emp(

empno int(10),

ename VARCHAR(10),

job VARCHAR(9),

mgr int(10),

hiredate DATE,

sal int(20),

comm int(5),

deptno int(10),

CONSTRAINT pk\_emp PRIMARY KEY (empno),

CONSTRAINT fk\_deptno FOREIGN KEY (deptno) REFERENCES dept (deptno)

);

INSERT INTO dept VALUES(10, 'ACCOUNTING', 'NEW YORK');

INSERT INTO dept VALUES(20, 'RESEARCH', 'DALLAS');

INSERT INTO dept VALUES(30, 'SALES', 'CHICAGO');

INSERT INTO dept VALUES(40, 'OPERATIONS', 'BOSTON');

INSERT INTO emp VALUES(

7839, 'KING', 'PRESIDENT', null,

'1981-11-17',

5000, null, 10 );

INSERT INTO emp VALUES(

7698, 'BLAKE', 'MANAGER', 7839,

'1981-5-1',

2850, null, 30);

INSERT INTO emp VALUES(

7782, 'CLARK', 'MANAGER', 7839,

'1981-6-9',

2450, null, 10);

INSERT INTO emp VALUES(

7566, 'JONES', 'MANAGER', 7839,'1981-4-2',

2975, null, 20);

INSERT INTO emp VALUES(

7788, 'SCOTT', 'ANALYST', 7566,'1987-07-13',

3000, null, 20);

INSERT INTO emp VALUES(

7902, 'FORD', 'ANALYST', 7566,'1981-12-3',

3000, null, 20 );

INSERT INTO emp VALUES(

7368, 'SMITH', 'CLERK', 7902,'1980-12-17',

800, null, 20 );

INSERT INTO emp VALUES(

7499, 'ALLEN', 'SALESMAN', 7698,'1981-2-20',

1600, 300, 30);

INSERT INTO emp VALUES(

7521, 'WARD', 'SALESMAN', 7698,'1981-2-22',

1250, 500, 30 );

INSERT INTO emp VALUES(

7654, 'MARTIN', 'SALESMAN', 7698,'1981-9-28',

1250, 1400, 30 );

INSERT INTO emp VALUES(

7844, 'TURNER', 'SALESMAN', 7698,'1981-9-8',

1500, 0, 30);

INSERT INTO emp VALUES(

7876, 'ADAMS', 'CLERK', 7788,'1987-7-13',

1100, null, 20 );

INSERT INTO emp VALUES(

7900, 'JAMES', 'CLERK', 7698,'1981-12-3',

950, null, 30 );

INSERT INTO emp VALUES(

7934, 'MILLER', 'CLERK', 7782,'1982-1-23',

1300, null, 10 );

CREATE TABLE bonus(

ename VARCHAR(10),

job VARCHAR(9),

sal int(20),

comm int(10)

);

CREATE TABLE salgrade(

grade int(10),

losal int(20),

hisal int(20)

);

select \* from salgrade;

INSERT INTO salgrade VALUES (1, 700, 1200);

INSERT INTO salgrade VALUES (2, 1201, 1400);

INSERT INTO salgrade VALUES (3, 1401, 2000);

INSERT INTO salgrade VALUES (4, 2001, 3000);

INSERT INTO salgrade VALUES (5, 3001, 9999);

use classic;

USE CLASSICMODELS;

create table Employees

(EID int(10),

ENAME VARCHAR(25),

JOB VARCHAR(20),

SAL INT(10),

HIREDATE date,

DEPTNAME VARCHAR(20)

);

create table emp (id int(5),name varchar(10));

select \* from emp;

truncate emp;

drop table emp;

insert into emp (id,name) values (14523,'Venky');

alter table employees

add DEPTNAME VARCHAR(20);

insert into employees(LOCATION) values ('NEW YORK');

ALTER table employees

change DEPTNAME LOCATION VARCHAR(20);

INSERT INTO employees(EID,ENAME,JOB,SAL,HIREDATE,DEPTNO) values (789452,'SMITH','SALESMAN',15000,'2020-10-05','79'),

(789463,'MARTIN','SALESMAN',12500,'2019-10-04','65'),

(789496,'MAXWELL','ASSOCIATE',13000,'2021-8-04','96'),

(786595,'KANE','ASSOCIATE',12500,'2009-10-04','65'),

(789425,'JAMES','SALESMAN',11050,'2013-05-09','56'),

(789851,'ROY','JUNIOR ASSOCIATE',15000,'2018-09-15','58'),

(654852,'ROOT','SALESMAN',16500,'2019-10-04','65'),

(956425,'DHONI','TC',9000,'2000-10-07','97'),

(984668,'SEHWAG','SALESMAN',15000,'1999-10-04','45'),

(669924,'POLLARD','ASSOCIATE',12500,'2008-07-04','78'),

(270574,'WARNER','JUNIOR ASSOCIATE',15500,'2010-04-07','47'),

(990515,'FINCH','ASSISTANT',10500,'2021-11-04','95'),

(897845,'TURNER','SALESMAN',12500,'2020-10-04','65'),

(998621,'KARAN','ENGINEER',9050,'2021-09-04','52'),

(985215,'RAHUL','SALESMAN',12500,'1987-07-04','55'),

(254632,'ROHIT','ASSITANT',12500,'1981-06-04','96'),

(254625,'IYER','SALESMAN',15500,'1981-04-04','94'),

(879241,'STARC','SALESMAN',11500,'1996-10-07','92'),

(795462,'JOSH','SALESMAN',12500,'1998-01-05','65'),

(984625,'ABD','ADMIN',9500,'1995-04-21','82'),

(795642,'MORRIS','ADMIN',12500,'2020-10-30','52'),

(986458,'KATICH','SALESMAN',13500,'2013-06-09','21'),

(853624,'HUSSEY','ADMIN',14000,'2021-10-06','09'),

(956482,'MARK','ENGINNER',12500,'2014-09-04','82'),

(254681,'TAYLOR','SALESMAN',16000,'2015-05-04','90'),

(956842,'ADAM','ASSOCIATE',10000,'2021-10-04','44'),

(265426,'PONTING','SALESMAN',13500,'1999-09-04','65');

select \*

from employees;

SET SQL\_SAFE\_UPDATES=0;

delete FROM employees

WHERE EID=895642;

alter table employees

drop column LOCATION;

UPDATE employees

SET JOB='MANAGER'

where EID=795462;

INSERT INTO employees

(LOCATION) SELECT COUNTRY FROM OFFICES;

SELECT COUNT(\*)

FROM employees;

CREATE TABLE EMP(LOCATION VARCHAR(15));

SELECT \*

FROM OFFICES;

update employees set LOCATION=' AUSTRALIA' where LOCATION ='LONDON' AND EID=789463;

update employees set LOCATION=' UGANDA' where LOCATION ='LONDON' AND ;

update employees set LOCATION=' PAKISTAN' where LOCATION ='LONDON' ;

update employees set LOCATION=' AFGHAN ' where LOCATION ='LONDON' ;

update employees set LOCATION=' INDIA' where LOCATION ='LONDON' ;

update employees set LOCATION=' LONDON' where LOCATION ='LONDON';

update employees set LOCATION=' NEW YORK' where LOCATION ='LONDON';

update employees set LOCATION=' AUSTRALIA' where LOCATION ='LONDON';

update employees set LOCATION=' UGANDA' where LOCATION ='LONDON';

update employees set LOCATION=' NEW ZEALAND' where LOCATION ='LONDON';

update employees set LOCATION=' IRAQ' where LOCATION ='LONDON';

update employees set LOCATION=' IRAN' where LOCATION ='LONDON';

update employees set LOCATION=' IRAN' where LOCATION ='LONDON';

update employees set LOCATION=' NEW YORK' where LOCATION ='LONDON';

update employees set LOCATION=' LONDON' where LOCATION ='LONDON';

update employees set LOCATION=' INDIA' where LOCATION ='LONDON';

update employees set LOCATION=' BANGLADESH' where LOCATION ='LONDON';

update employees set LOCATION=' PAKISTAN' where LOCATION ='LONDON';

update employees set LOCATION=' SRILANKA' where LOCATION ='LONDON';

update employees set LOCATION=' SRILANKA' where LOCATION ='LONDON';

update employees set LOCATION=' SRILANKA' where LOCATION ='LONDON';

update employees set LOCATION=' INDIA' where LOCATION ='LONDON';

update employees set LOCATION=' AUSTRALIA' where LOCATION ='LONDON';

update employees set LOCATION=' LONDON' where LOCATION ='LONDON';

update employees set LOCATION=' PAKISTAN' where LOCATION ='LONDON';

update employees set LOCATION='AUSTRALIA' where LOCATION ='LONDON' AND EID=990515;

update employees set LOCATION= ' AUSTRALIA' where LOCATION ='LONDON' AND EID=990515;

-------------------------------------------------------------------------------------------------------------------------------------

use classic;

SELECT \*

FROM employees;

SELECT ENAME

FROM employees;

SELECT SAL\*12 AS ANNUAL\_SALARY

FROM employees;

SELECT \*

FROM employees

order by SAL;

/\*assignment\*/

SELECT ENAME,SAL\*12 AS ANNUAL\_SALARY

FROM employees

where JOB='JUNIOR ASSOCIATE';

select ENAME, JOB, DEPTNO

FROM employees

where HIREDATE<'2019-03-04';

SELECT ENAME, DEPTNO

FROM employees

where DEPTNO=65;

SELECT JOB, DEPTNO

FROM employees

where DEPTNO=90;

SELECT ENAME,HIREDATE AS DOJ, DEPTNO

FROM employees

WHERE (JOB='SALESMAN' AND (DEPTNO=90 OR DEPTNO=

65));

SELECT \*

FROM employees

WHERE ename like '%S';

select \*

from employees

where ENAME like '%A%' and sal between 9000 and 15000;

select \*

from employees

where ename like'%A%' ename like '%E%' ename like'%I%' ename like'%O%'ename like'%U%';

select \*

from employees

where hiredate like '%02%';

SELECT \*

FROM CUSTOMERS

WHERE addressLine2 is null;

SELECT \*

FROM CUSTOMERS

WHERE addressLine2 is not null;

select \*

from employees

where ename like '%A%' and ename like '%I%';

select lower(ename), initcap(job)

from employees;

select INSTR (ename,'A',3),ENAME

from employees;

use classic;

select \*

from employees;

select instr(ename,'A',1), ename

from employees;

select \*

from employees

where instr(ename,'A')=0;

select \*

from employees

where instr(ename,'A')!=0;

select instr(ename,'A'), ename

from employees;

select \*

from employees

where instr(ename,'A') and ename like 'A%';

select \*

from employees

where instr(ename,'R') and ename like 'R%';

select \*

from employees

where instr(ename,'A')=1;

select \*

from employees

where instr(job,'MAN')!=0; /\*man\*/

select \*

from employees

where instr(ename,'LL')!=0;

select \*

from employees

where instr(ename,'A')!=0;

select substr(ename,-2,2)/\*last 2 characters in name\*/

from employees;

select substr(ename,4,2)

from employees;

select \*

from employees

where substr(ename,1,1) in ('A','B');

select \*

from employees

where substr(ename,1,1) in ('A','E','I','O','U') or substr(ename,-1) in ('A','E','I','O','U');

select \*

from employees

where substr(job,-3,3)='MAN';

select replace(job,'MAN','WOMAN')

from employees;

select replace(ename,(substr(ename,1,1)),'Z')

from employees;

select replace(ename,(substr(ename,1,1)),(substr(ename,-1)))

from employees;

select concat('my name is: ',ename)

from employees;

select concat('A',' ','SRINIVAS');

select concat(concat('my name is: '),ename) as Name, concat(concat('and my salary is: '),sal) as Salary

from employees

order by sal;

/\*29/09/2021\*/

select max(ename)

from employees;

select min(ename)

from employees;

select avg(sal)

from employees;

select sum(14+15);

select count(\*) ename

from employees;

select mod(1,2)

from employees;

select round(4552004.4545819,1)

use classicmodels;

show databases;

select \* from customers;

select \* from employees;

select \* from offices;

select \* from orderdetails;

select \* from orders;

select lastname, employeenumber, jobtitle

from employees,offices

where employees.officeCode=offices.officeCode;

select orderdate,priceeach

from orders,orderdetails

where orderdate>(select orderdate from orders where orderNumber= 10100);

select ordernumber,orderdate

from orders;

use sakila;

use world;

select \* from actor;

select \* from address;

select \* from category;

select count(distinct(ordernumber))

from orderdetails;

select \* from city;

select \* from country;

select city.Name,city.CountryCode,indepyear,country.population

from city

inner join country

on country.code=city.CountryCode

order by country.population desc;

use qjspiders;

select \* from emp;

select \* from dept;

show tables;

desc emp;

select \* from emp;

select ename,empno

from emp;

select ename,empno,job,mgr

from emp;

select ename as name,hiredate as DOJ

from emp;

select ename as name, sal\*12 as annual\_salary

from emp;

select ename as name,(sal\*30)/365 as daily\_wage

from emp;

select ename as name,(sal/30) as wage

from emp;

select \*

from emp

where job='CLERK';

select ENAME,SAL,JOB

from emp

where JOB='SALESMAN';

select \*

from emp

where sal>2500;

select \*

from emp

where hiredate>'1985-01-03';

select ename,sal\*12 as annual\_salary

from emp

where sal\*12>10000;

select ename+('earns the salary')+sal+('every month')

from emp;

select emp.ename,emp.job,dept.loc

from dept,emp

where EMP.DEPTNO=DEPT.DEPTNO AND JOB in ('SALESMAN','CLERK','MANAGER');

SELECT \* FROM SALGRADE;

select \* from emp;

SELECT \*

FROM EMP,SALGRADE

WHERE EMP.SAL between LOSAL AND HISAL;

SELECT ENAME,SAL,SALGRADE.\*

FROM EMP,SALGRADE

WHERE EMP.SAL between LOSAL AND HISAL AND GRADE IN (1,2)

order by SALGRADE.GRADE;

select \*

from emp

left join dept

on emp.deptno=dept.deptno

union

select \*

from dept

left join emp

on emp.deptno=dept.deptno;

select \* from dept;

select \*

from emp;

select \*

from emp

where rownum=1;

use qjspiders;

create table gcda12(id int(5) primary key,

Name varchar(15),

Mobile int(15),

DOB varchar(15));

desc gcda12;

select \* from gcda12;

alter table gcda12

add Name varchar(15);

alter table gcda12

add stream varchar(10);

alter table gcda12

rename column Name to Student\_Name;

alter table gcda12

drop column Name;

insert into gcda12 values(7,'A Srinivas',902510067,'05-07-1994');

drop table gcda12;

insert into gcda12 values(10,'D Venkates',95654824,'05-09-1996');

insert into gcda12 values(6,'null',469845684,null);

update gcda12

set dob='12-11-1989'

where id=5;

update gcda12

set mobile =56495554

where id=10;

delete from gcda12

where id=5;

select concat('srinivas' ' ','a') as name;

select length('srinivas') as length;

select left('srinivas',3); /\*extracts a substring from a string (string from left)\*/

select right('srinivas',4); /\*extracts a substring from a string (string from right)\*/

select lower('SRINIVAS');

select lower('srinivas');

select lower('sRiniVAS');

select lower('Srinivas123'); /\*converts string to lower case it doesn't touch the numeric values\*/

select upper('srinivas');

select upper('srinivas');

select upper('sRiniVAS');

select upper('Srinivas123'); /\*converts string to upper case it doesn't touch the numeric values\*/

select (' srinivas'); /\*without ltrim \*/

select ltrim(' srinivas');/\*with ltrim (removes leading spaces from a string\*/

select ('srinivas dear ');

select rtrim('srinivas dear ');/\* with rtrim (removes trailing spaces from a string\*/

select substring('Srin ivas',1,7); /\*extracs a substring from a String\*/

select substring('MYSQL Tutorial',7,8); /\*7 is starting position and 8 is length of the string\*/

select replace('srinivas','srin','SRIN'); /\*replaces a seqeuence of characters in a string with another set of characters\*/

select replace('Mysql tutorial','Mysql','Java');

create table student(Id int(10) primary key auto\_increment,

Name varchar(15),

Dob varchar(15),

BranchId int(5),

Branch varchar(10),

Hod\_Name varchar(10),

Hod\_number int(15));

desc student;

select \* from hod;

alter table student

modify id int(10) auto\_increment;

insert into student (name,dob,branchid,branch,hod\_name,hod\_number)values('Samson','14-08-1994',145,'eee','anil','775574264');

create table student1(Id int(10) primary key auto\_increment,

Name varchar(15),

Dob varchar(15),

BranchId int(5));

insert into student1(name,dob,BranchId) values ('Anmol Sharma','05-07-1997,',2),('Venkatesh','05-10-1996',4),('Srinivas','05-07-1994',8);

create table Hod(Sn int(5),

Branch varchar(10),

Hod\_Name varchar(10),

Hod\_number int(15),

BranchId int(5),

Id int(10) primary key,

foreign key (Id) references student1(Id));

use classic;

show databases;

show tables;

desc Hod;

SET SQL\_SAFE\_UPDATES=0;

insert into Hod(sn,Branch,Hod\_name,hod\_number,BranchId,Id) values (100,'ece','dinga',990541525,2,1),(101,'mech','dinga',56485264,4,1),(102,'ece','dingi',65694265,8,3);

select branch,name,hod\_name

from student1

inner join hod

on student1.id=hod.id

where name='Anmol Sharma';

select \* from emp;

select ename,instr(ename,'R')

from emp;

select ename,right(ename,1)

from emp;

select \* from dept;

select dname, deptno

from dept

where deptno=10;

select \* from emp;

select substr(ename,-2,1)

from emp

use qjspiders;

show tables;

desc emp;

select \* from emp;

select ename from emp;

select empno,ename,job from emp;

select ename as name,hiredate as doj from emp;

select ename as name,(sal\*12) as annual\_sal from emp;

select ename as name,(sal/30) as daily\_wage from emp;

select \* from emp where job='CLERK';

select \* from offices;

select \* from employees;

select \* from customers;

select jobTitle,(count(jobTitle)) as count

from employees

inner join offices

on employees.officeCode=offices.officeCode

group by jobTitle;

select \*

from emp

where deptno=10 or deptno=30;

select \* from emp;

select \* from dept;

select count(ename) as count,deptno

from emp,dept

where emp.deptno=dept.deptno

group by deptno;

select ename,emp.deptno,count(dept.deptno) as count

from emp

join dept

on emp.deptno=dept.deptno

group by deptno

order by deptno;

select \*

from emp;

select ename,hiredate,sum(sal)

from emp

group by ename;

select \* from dept;

select e.ename,e.sal,d.loc

from emp e

left outer join dept d

on e.deptno=d.deptno

union

select e.ename,e.sal,d.loc

from emp e

right outer join dept d

on e.deptno=d.deptno;

select distinct(loc)

from dept;

select \*

from emp

where job='MANAGER' and deptno in(10,20,30);

select min(sal)

from emp;

select MIN(sal)

from emp

WHERE sal <> (select MIN(sal) from emp);

select \*

from emp

where deptno is null;

select count(isnull(addressline2)) as count

from customers

where addressLine2 is null;

select substr(ename,2,4)

from emp;

select \* from emp;

select e.ename,e.job,(count(e.job)) as count, d.deptno,d.loc,d.dname

from emp e

left outer join dept d

on e.deptno=d.deptno

group by job

union

select e.ename,e.job,(count(e.job)) as count,d.deptno,d.loc,d.dname

from emp e

right outer join dept d

on e.deptno=d.deptno

group by job

order by count;

select \* from emp;

select concat('the name is: ',ename) as Name,concat((','),'and annual salary is: ',sal\*12) as Salary

from emp;

select ename,sal\*12 from emp;

select ename,AVG(SAL) from emp

WHERE SAL>=2000

GROUP BY ENAME;

select ename,sal

from emp

where ename='SMITH';

select ename,job,deptno, count(\*) as count

from emp

where job='MANAGER'

group by deptno;

select ename,deptno,job,count(\*)

from emp

having count(\*)>3;

select count(deptno(count(\*))) as count

from emp

having count>3;

select ename,sal,count(\*)

from emp

group by ename

having sal>1600;

select job,count(\*) as count

from emp

group by job

having count>=3;

select \* from emp;

select job,count(job)

from emp

use qjspiders;

SELECT INSTR('NAME',8);

select ename, substr(ename,-2,6)

from emp;

select ename,instr(ename,'S')

from emp;

select \* from emp1;

create database b;

create table emp1(ename varchar(20),

deptno int(10));

insert into emp1(ename,deptno) values ('SMITH',20);

insert into emp1(ename,deptno) values ('ALLEN',30);

insert into emp1(ename,deptno) values ('WARD',30);

insert into emp1(ename,deptno) values ('JONES',20);

SELECT e.ENAME,f.deptno

FROM qjspiders.emp e

inner join a.emp1 f

on e.deptno=f.deptno;

select \*from employees;

select count(ename)

from emp

where hiredate<('1991-1-1');

select employeeNumber, firstname

from employees

order by employeeNumber;

select max(sal)

from emp;

select max(sal)

from emp

where sal<( select max(sal)

from emp);

select \* from emp;

create database college;

use college;

create table student(

Id int primary key,

Name varchar(15),

RollNumber int(15),

Section char(5));

desc student;

insert into student values (101,"Roy",401,'A'),

(102,"Root",402,'B'),

(103,"Stokes",403,'A'),

(104,"Buttler",404,'C'),

(105,"Morgan",405,'B'),

(106,"Bairstow",406,'B'),

(108,"Ali",407,'A'),

(109,"Roy",408,'A'),

(110,"Morkel",409,'B'),

(111,"Wood",410,'C'),

(112,"Jadeja",411,'A'),

(113,"Shami",412,'B'),

(114,"Bhuvi",413,'A'),

(115,"David",414,'A'),

(116,"Kane",415,'A'),

(117,"Taylor",416,'B'),

(118,"Maxwell",417,'C'),

(119,"Marsh",418,'B'),

(120,"Guptill",419,'C'),

(121,"Martin",420,'A'),

(122,"Gibbs",421,'A'),

(123,"Wood",422,'B'),

(124,"Archer",423,'B'),

(125,"Southee",424,'B'),

(126,"Khan",425,'B');

Select \* from Student;

select Id,Name

from student;

select Id,Name

from student

where section='C';

/\*27-04-2022\*/

use qjspiders;

show tables; /\*list the number of tables\*/

select \*

from emp;

select ename as Name, hiredate as DOJ

from emp;

select ename as Name, sal\*12 as Annual\_Salary

from emp;

select round(sal/12,2)

from emp;

select \*

from emp

where job='CLERK';

select ename, sal,job

from emp

where job='SALESMAN';

select \*

from emp

where sal>2500;

select \*

from emp

where hiredate>"1985-01-03";

select \*

from (select sal\*12 as Annual from emp)

emp

where Annual>10000;

select concat(ename," Earns the salary of ",round((sal/12),2)," for Every Month")

from emp;

select \*

from emp

order by sal desc;

select \*

from emp

order by hiredate asc;

select \*

from dept

where deptno=20;

select \*

from emp where job='CLERK' and (select deptno from dept where deptno=20);

select \*

from emp where sal>1000 and deptno in(10);

select \*

from emp where sal>1200 and deptno in(10,30);

select \*

from emp where (job='CLERK' or job='MANAGER') and deptno in (10,30);

select \*

from emp

where not job ='MANAGER';

select \*

from emp

where not (job='SALESMAN' or job='CLERK');

select \*

from emp

where (job='CLERK' or job='MANAGER') and deptno in (20);

select \*

from emp

where (job='CLERK' or job='SALESMAN') and hiredate>"1985-01-18";

select ename as Name, deptno as DeptNumber

from emp

where deptno in (10,20,30,40)

order by ename;

select \*

from emp

where hiredate >"1982-01-11" and hiredate<"1989-02-11";

-- select \*

-- from emp

-- where hiredate between "1982-01-11" and "1989-02-11";

select \*

from (select job, sal\*12 as Annual from emp)

emp

where job='MANAGER' or job='SALESMAN' and Annual between 10000 and 20000;

-- select \*

-- from (select ename,sal\*12 as Annual from emp

-- where job='MANAGER' or job='SALESMAN' and Annual between 10000 and 20000)

-- emp

select \*

from emp

where ename like 'S%';

select \*

from emp

where (job='CLERK' or job='SALESMAN' or job='MANAGER') and ename like '%S';

select ename

from emp

where regexp\_count(ename, '[A-Z]') = 5 ;

select ename

from emp

where ename like '\_\_\_\_\_';

select \*

from emp

where ename like '%\_\_\_T%';

select job, sum(sal) as TotalSal

from emp

where job='SALESMAN';

select ename,substr(ename,4,1)as portion

from emp;

-- -------------------------------------

-- Functions

select \*

from emp;

select min(sal) as MinimumSal

from emp;

select count(\*) as NumberofClerks

from emp

where job='CLERK'