* create database DB;
* use DB;
* create table Employee(Em\_id int primary key auto\_increment,FIRST\_NAME varchar(100),LAST\_NAME varchar(100),SALARY float,JOINING\_DATE date,DEPARTMENT varchar(100));
* insert into Employee (Em\_id,FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("JOHN","ABRAHAM",1000000,'2013-01-01',"BANKING");
* insert into Employee (Em\_id,FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("MICHAEL","CLERK",800000,'2013-01-01',"INSURANCE");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("MICHAEL","CLERK",800000,'2013-01-01',"INSURANCE");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("ROY","THOMAS",700000,'2013-02-01',"BANKING");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("TOM","JOSE",600000,'2013-02-01',"INSURANCE");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("JERRY","PINTO",650000,'2013-01-01',"INSURANCE");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("JERRY","PINTO",650000,'2013-01-01',"INSURANCE");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("PHILIP","MATHEW",750000,'2013-01-01',"SERVICES");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("TESTNAME1","123",650000,'2013-01-01',"SERVICES");
* insert into Employee (FIRST\_NAME,LAST\_NAME,SALARY,JOINING\_DATE,DEPARTMENT) values("TESTNAME2","LNAME%",600000,'2013-02-01',"INSURANCE");
* SELECT \* FROM Employee;
* create table Incentives (Incentives\_id int primary key auto\_increment,EMPLOYEE\_REF\_ID int,INCENTIVE\_DATE date,INCENTIVE\_AMT varchar(100));
* insert into Incentives (EMPLOYEE\_REF\_ID,INCENTIVE\_DATE,INCENTIVE\_AMT)values(1,'2013-02-01',5000);
* insert into Incentives (EMPLOYEE\_REF\_ID,INCENTIVE\_DATE,INCENTIVE\_AMT)values(2,'2013-02-01',3000);
* insert into Incentives (EMPLOYEE\_REF\_ID,INCENTIVE\_DATE,INCENTIVE\_AMT)values(3,'2013-02-01',4000);
* insert into Incentives (EMPLOYEE\_REF\_ID,INCENTIVE\_DATE,INCENTIVE\_AMT)values(1,'2013-01-01',4500);
* insert into Incentives (EMPLOYEE\_REF\_ID,INCENTIVE\_DATE,INCENTIVE\_AMT)values(2,'2013-01-01',3500);
* select First\_NAME AS "Employee Name" from Employee;
* Select FIRST\_NAME, year(JOINING\_DATE) JoinYear , month(JOINING\_DATE), day(JOINING\_DATE) from Employee;
* select \* from Employee order by FIRST\_NAME asc;
* select \* from Employee order by SALARY desc;
* select \* from Employee where FIRST\_NAME like '%o%';
* select \* from Employee where month(JOINING\_DATE) = '01';
* select \* from Employee order by DEPARTMENT ,SALARY desc;
* select \* from Employee order by DEPARTMENT, max(SALARY) asc;
* select Employee.FIRST\_NAME , Incentives.INCENTIVE\_AMT FROM Employee join Incentives on Employee.Em\_id where INCENTIVE\_AMT > 3000;
* select max(SALARY) as second\_highest\_salary from Employee where SALARY < (select max(SALARY) from Employee);
* select employee.FIRST\_NAME , incentives.Incentives\_id from employee left JOIN incentives on employee.Em\_id = incentives.Incentives\_id ORDER BY employee.FIRST\_NAME;
* SELECT Em\_id, MAX(Salary)
* FROM employee
* GROUP BY DEPARTMENT;
* create table CUTOMER (id int primary key auto\_increment,CNM varchar(50),CNAME varchar(50),RATING varchar(50),SNO varchar(50));INSERT INTO `cutomer`(`id`, `CNM`, `CNAME`, `RATING`, `SNO`) VALUES (201,'HOFFMAN','LONDON',100,1001);
* INSERT INTO `cutomer`(`id`, `CNM`, `CNAME`, `RATING`, `SNO`) VALUES (201,'HOFFMAN','LONDON',100,1001);
* NSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`) VALUES(202,'GLOVANNE','ROME',200,1003);
* INSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`) VALUES(203,'LIU','SANJOSE',300,1002);
* INSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`) VALUES(204,'GRASS','BARCELONA',100,1002);
* INSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`) VALUES(206,'CLEMENS','LONDON',300,1007);
* INSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`) VALUES(207,'PEREIRA','ROME',100,1004);
* INSERT INTO `customer`(`CNM`, `CNAME`, `CITY`, `RATING`, `SNO`)
* VALUES(201,'HOFFMAN','LONDON',100,1001);
* create table SALES\_PERSON (id int primary key auto\_increment,SNO varchar(50),SNAME varchar(50),CITY varchar(50),COMM varchar(50));
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3002,1900.1,1994-10-03,207,1004);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3003,767.19,1994-10-03,201,1001);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3005,3005,1994-10-03,203,1002);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3006,3006,1994-10-04,201,1007);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3007,3007,1994-10-05,204,1002);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3008,3008,1994-10-05,206,1001);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3009,3009,1994-10-04,202,1003);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3010,3010,1994-10-06,204,1002);
* INSERT INTO `orders`(`ONM`, `AMT`, `ODE`, `CNM`, `SNO`) VALUES(3011,3011,1994-10-06,206,1001);
* SELECT \* FROM orders WHERE AMT > 1000;
* SELECT SNAME,CITY = 'LONDON' from sales\_person WHERE COMM > 0.10;
* SELECT SNAME,CITY FROM sales\_person WHERE CITY in ('LONDON','BARCELONA');
* Select sname, comm from sales\_person where comm > 0.10 and comm < 0.12;
* SELECT CITY from customer WHERE CITY is NULL;
* SELECT \* FROM `orders`where ODE in ('1994-10-03' , '1994-10-04');
* Select ONM from orders where AMT != 0 or AMT is not null;
* SELECT \* FROM `customer` WHERE CNAME like 'A' or CNAME like 'B';
* SELECT CNAME from customer WHERE RATING <100 OR CITY = 'ROME';
* SELECT ONM from orders WHERE AMT != 0;
* select COUNT(distinct SNO) from orders;