**Aliases:**

**Giving an temporary name for an table**

**While you need to show to other person**

**example : client**

**query:**

**select \* from emp**

**select empno as 'employeeID' ,ename as employeename,job as jobless,mgr as Drmgr,hiredate as [joined date] , sal as salary,comm as commoff,dept as department from emp**

# Union and union all

create table webbilling

(

Sno int identity,

Id int,

Client nvarchar(50),

Webportal nvarchar(max)

)

Insert into webbilling (id,Client,webportal)values (1,'ramya','avadi@projects')

Insert into webbilling (id,Client,webportal)values (2,'preethi','vinayakamportal')

Insert into webbilling (id,Client,webportal)values (3,'vinayakam','lakmiportal')

select \* from webbilling

create table website

(

Sno int identity,

Id int,

Client nvarchar(50),

Webportal nvarchar(max)

)

Insert into website (id,Client,webportal)values (1,'ramya','avadi@projects')

Insert into website (id,Client,webportal)values (4,'sakthi','vinayakamportal')

Insert into website (id,Client,webportal)values (5,'lehavan','lakmiportal')

select \* from webbilling

select \* from website

union

select\* from webbilling

select \* from webbilling

union all

select\* from website

select Id,client from website

union

select id ,client from webbilling

select Id,client from website

union all

select id ,client from webbilling

# cross join

select \* from dept

select \* from emp

select \* from dept,emp

select \* from dept cross join emp

# inner join

create table tblDepartment

(

ID int primary key,

DepartmentName nvarchar(50),

Manager nvarchar (50)

)

Insert into tblDepartment (id,DepartmentName,Manager)values (1,'IT','guru')

Insert into tblDepartment (id,DepartmentName,Manager)values (2,'NEW','shanthi')

Insert into tblDepartment (id,DepartmentName,Manager)values (3,'Account','lokesh')

Insert into tblDepartment (id,DepartmentName,Manager)values (4,'others','kamelish')

create table tblemployee

(

ID int primary key,

Name nvarchar (50),

Gender nvarchar (50),

Salary int,

DepartmentId int foreign key references tblDepartment(Id)

)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(1,'akash','male',1000,2)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(2,'yuraj','male',2200,1)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(3,'lokesh','male',3500,2)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(4,'gopi','female',4500,1)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(5,'harsha','male',15400,2)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(6,'vijay','male',156000,3)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(7,'ragavan','male',12000,4)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(8,'ramu','male',16500,1)

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(9,'govindhan','male',3000,null )

insert into tblemployee (ID,Name,Gender,Salary,DepartmentId) values(10,'naveen','male',125000, null)

select \* from tblemployee join tblDepartment

on tblDepartment.Id=tblemployee.DepartmentId

select tblemployee. Id,name,gender,salary,Departmentname from tblemployee

inner join tblDepartment

on tblemployee.DepartmentId = tblDepartment.Id

select E.Id,E.Name,E.Gender,E.Salary,D.DepartmentName,D.Manager from tblemployee E inner join

tblDepartment D on D.Id = E.DepartmentID

select E.Id,E.Name,E.Gender,E.Salary,D.DepartmentName,D.Manager from tblemployee E join ---------allias used here

tblDepartment D on D.Id = E.DepartmentID

**outer join ,right,left**

select \* from tblemployee

select \* from tblDepartment

select \* from tblemployee E join tblDepartment D on E.DepartmentId = D.Id

select \* from tblemployee E left join tblDepartment D on E.DepartmentId = D.Id

select \* from tblemployee E left outer join tblDepartment D on E.DepartmentId = D.Id

select \* from tblemployee E full join tblDepartment D on E.DepartmentId = D.Id

select \* from tblemployee E full outer join tblDepartment D on E.DepartmentId = D.Id

select \* from tblemployee E right outer join tblDepartment D on E.DepartmentId = D.Id

## What is a Stored Procedure?

A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.

So if you have an SQL query that you write over and over again, save it as a stored procedure, and then just call it to execute it.

You can also pass parameters to a stored procedure, so that the stored procedure can act based on the parameter value(s) that is passed.

**Store procedure – encryption**

create table employee

(

ID int primary key,

Name nvarchar (50),

Gender nvarchar (50),

Salary int,

)

insert into employee (ID,Name,Gender,Salary) values(2,'yuraj','male',2200)

insert into employee (ID,Name,Gender,Salary) values(3,'lokesh','male',3500)

insert into employee (ID,Name,Gender,Salary) values(4,'gopi','female',4500)

insert into employee (ID,Name,Gender,Salary) values(5,'harsha','male',15400)

insert into employee (ID,Name,Gender,Salary) values(6,'vijay','male',156000)

insert into employee (ID,Name,Gender,Salary) values(7,'ragavan','male',12000)

insert into employee (ID,Name,Gender,Salary) values(8,'ramu','male',16500)

insert into employee (ID,Name,Gender,Salary) values(9,'govindhan','male',3000 )

insert into employee (ID,Name,Gender,Salary) values(10,'naveen','male',125000)

select\* from employee

create proc sp\_sel\_employee

as

select \* from employee

sp\_helptext sp\_sel\_employee

alter proc sp\_sel\_employee with Encryption

as

select \* from employee