**--Create database**

CREATE DATABASE databasename;

**--create new table**

create table LoginPage(

Id int primary key,Name varchar(30),password varchar(40),Email varchar(40),

Phno bigint)

**--insert the values into table**

insert into LoginPage values (1,'Alex','alex123','alex123','1234433'),

(2,'Bolt','Bolt123','Bolt123','454221'),(4,'Charles','Charles123','alex123','1234433'),

(5,'Daniel','Daniel123','alex123','1234433')

**--update a particular record**

update LoginPage set address='trichy',email='a@1' where Name='bolt'

**--delete record(values)in a table**

truncate table LoginPage

**--display all the record**

select \* from LoginPage

**--rename column name**

EXEC sp\_rename 'LoginPage.password', 'ConfirmPassowrd', 'COLUMN';

**--add column**

alter table LoginPage add address varchar(40)

**--drop column**

alter table LoginPage drop column address

**-- (Using Inner join)**

select \* from LoginPage inner join Employee on LoginPage.Id=Employee.id

inner join MovieTicket on Loginpage.Id=MovieTicket.TicketId

**-- (using Left join)**

select \* from LoginPage left join Employee on LoginPage.Id=Employee.id

left join MovieTicket on Loginpage.Id=MovieTicket.TicketId

**--Right join**

select \* From LoginPage right join Employee on LoginPage.Id=Employee.id

**--Cross join(or)Cartesian join**

select LoginPage.ID,LoginPage.Name,Employee.Address from LoginPage cross join Employee

**--Change Constraints**

Alter table table\_name add constraint reference\_id primary key(column\_name)

Or

Alter table table\_name alter column column\_name datatype

**--Disable Constraints**

EXEC sp\_msforeachtable 'ALTER TABLE ? NOCHECK CONSTRAINT ALL';

TRUNCATE TABLE YourTableName; -- Truncate the table

-- Re-enable foreign key constraints

EXEC sp\_msforeachtable 'ALTER TABLE ? WITH CHECK CHECK CONSTRAINT ALL';

OR

DECLARE @RowCount INT;

-- Delete rows from ChildTable based on a condition

DELETE FROM ChildTable WHERE YourConditionHere;

-- Get the count of deleted rows

SET @RowCount = @@ROWCOUNT;

**Stored Procedure**

**--Get table Query**

create procedure GetStudent as select \* from Student

**--Execute Query**

exec GetStudent

**--Insert values into tables**

create procedure AddStudent @Id int,@StudName varchar(30),@Address varchar(30),@Date date

as

insert into Student values(@Id,@StudName,@Address,@Date)

**--Execute Query**

Exec AddStudent @Id=12,@StudName='Rohit',@Address='Mumbai',@Date='2010/10/9'

**--Update Values into tables**

create procedure PutStudent @Id int,@StudName varchar(30)

as

update Student set StudName=@StudName where Id=@Id

**--Execute Query**

exec PutStudent @Id=0,@StudName='kohil'

**--Delete values into values**

CREATE PROCEDURE DeleteStudent @id int AS

DELETE Student WHERE Id= @id

**--Execute Query**

EXEC DeleteStudent @id = 2