Database

create table student (

id int primary key identity,

name varchar (50),

branch varchar (50),

college varchar (100),

adderess varchar (200),

);

use kishan;

create table student (

id int ,

name varchar (50),

branch varchar (50),

college varchar (100),

adderess varchar (200)

);

drop table student

select \* from student;

select branch from student

insert into student values(

1,'kishan','cs','csjm','azamgarh'

);

Bulk Insertion

insert into student values

('kishan kumar','cs','csjm','azamgarh'),

('vinay','cs','csjm','azamgarh'),

('shani kumar','it','gpl','ambedkarnagar'),

('abrar','it','gpl','ambedkarnagar'),

('shivam kumar','cs','csjm','sultanpur'),

('bhavesh singh','it','gpl','faizabad')

update student set name='suraj' where id=1;

delete from student where id=1;

queryries

create table details (

id int primary key identity(1001,1),

city varchar (50),

department varchar (50),

salary int,

company varchar (200)

);

insert into details values

('shahgang','maanger',50000,'hastaglabes'),

('akbarpur','ceo',60000,'quadelabs'),

('mahul','recuiter',700000,'roundpay'),

('ambedkarnagar','hr',80000,'trwill')

select name,branch,adderess,salary,city from student inner join details on student.id = details.id

select \* from student inner join detials on student=id = details=id

select \* from student left join details on student.id = details.id

TCL command

1.commit

2.rollback

3.savetransition

COMMIT:-

Commit command is used to premanently save any trasanction into the database

When we use any DML command like INSERT,UPDATE,DELETE the changes made by these commands are not premanent until the current session is closed ,

The changes made by these commands can rollback.

ROOLBACK:--

Rollback commands restore the database to last commited state .it is also used with SAVEPOINT commands to jump to a savepoint in an ongoing transition .

SAVAPOINT:--

Savepoint command is used to temporarily save a transition so that you can rollback to that point whenever requeried

Try catch

begin try

update employee set Salary =20000 where id=1001

end try

begin catch

print 'You cannot divide a number by zero'

end catch

select details.\*,student.name from details full outer join student on details.id=student.id