Auto Increment

--It will automatically insert or increment the unique values into table once you define the auto increment.

--It will allow you to specify the range of values by which you want to create unique values.

--Syntax : Column\_name IDENTITY(start,diff)

create table BankAccount1(Account int primary key identity(11128870,1), --11128871,11128872,11128873

AccName varchar(20),

Branch varchar(20),

City varchar(20))

insert into BankAccount values ('Shon','KR PURAM','Banglore')

insert into BankAccount values ('Rohan','SP Road','Pune')

insert into BankAccount values ('Amit','Katraj','Pune')

insert into BankAccount values ('Mansi','Miyapur','HYD')

insert into BankAccount values ('Sagar','Shivaji Nagar','Sangli')

select \* from BankAccount

--2.Foreign Key(FK)

--A FK is column or collection of columns in one tables that refers to the primary key in another table.

--NULL value can be allowed in foreign key column.

create table department(DID int primary key identity, Dept varchar(20))

insert into department values('CIVIL')

insert into department values('Mech')

insert into department values('IT')

insert into department values('ECE')

select \* from department

create table student (S\_ID int primary key identity,S\_NAME varchar(20),

DID int foreign key references department(DID) )

insert into student values ('Praveen',2)

insert into student values ('amit',2)

insert into student values ('Ronit',1)

insert into student values ('Meena',4)

insert into student values ('shanmuka',3)

insert into student values ('monika',Null)

insert into student values ('monika',7)

select \* from student

3.Default constraint

--Set a default value to column when value is not defined/inserted/specified.

Create table DEFAULT\_VALUE(

D\_ID int primary key,

D\_name varchar(10) NOT NULL Unique,

D\_City varchar(10),

D\_AGE int check(D\_age >=20),

D\_LOC varchar(20) default 'Balaji Nagar')

select \* from DEFAULT\_VALUE