/\*

1. liên kết khóa ngoại: columnname datatype [...] foreign key references tableName(columnName)

\*/

create table HoaDon

(

id int primary key,

maHD nvarchar(50) constraint khongduoctrungma unique(maHD),

IDKH int foreign key references Khachhang(id),

tongtienHD money,

ngayHD datetime default(GETDATE()),

matrangthai nvarchar(50) default('New'),

diengiai nvarchar(200),

age int constraint lonhon18 check(age >=18)

)

insert into HoaDon

values

(

1, N'HD.00001', (select k.id from KhachHang k where maKH = 'KH.00001'), 185000, '2022-04-05', 'New', N'Hóa đơn bán lẻ'

)

alter table HoaDon

add constraint FK\_HOADON\_KHACHHANG foreign key (IDKH) references Khachhang(id)

alter table HoaDon

drop constraint FK\_\_HoaDon\_\_IDKH\_\_4AB81AF0

select \* from KhachHang where id = 1

select \* from HoaDon where IDKH = 1

delete KhachHang where id = 1

/\*

2. default data: columnname datatype [...] default(dữ liệu default)

\*/

alter table Khachhang

add fromTeam nvarchar(50) not null default('CSKH')

insert into Khachhang (id, makh,tenkh,dob,[address],phone)

values (

(select max(id) from KhachHang) +1

, 'KH.00003', N'Hoàng Hương Quỳnh', null,null,null

)

/\*

3. check constraint

\*/

alter table Khachhang

add age int check(age >=18)

alter table Khachhang

drop constraint CK\_\_KhachHang\_\_age\_\_4CA06362

select \* from Khachhang

alter table Khachhang

add constraint CheckOver18Age check(age >=17)

alter table Khachhang

drop constraint CheckOver18Age

alter table Khachhang

add age1 int constraint CheckOver18Age check(age1 >=18)

insert into Khachhang (id, makh,tenkh,dob,[address],phone,age,age1)

values (

(select max(id) from KhachHang) +1

, 'KH.00005', N'Tí hon', null,null,null, 16,15

)

/\*

4. unique

\*/

alter table KhachHang

add constraint CustomerCodeUnique unique(maKH)

alter table Khachhang

add maKH nvarchar(50) constraint CustomerCodeUnique unique(maKH)

insert into Khachhang (id, makh,tenkh,dob,[address],phone,age,age1)

values (

(select max(id) from KhachHang) +1

, 'KH.00004', N'Tí hon', null,null,null, 18,18

)