create table Barang

(KdBarang char (5)

constraint PK\_Barang\_KdBarang primary key check (KdBarang like '[A-Z][A-Z][0-9][0-9][0-9]'),

NmBarang varchar (30)

constraint NN\_Barang\_NmBarang not null,

Satuan varchar (15)

constraint NN\_Barang\_Satuan not null,

Stock int

constraint NN\_Barang\_Stock not null check (Stock>0),

HrgJual bigint

constraint NN\_Barang\_HrgJual not null

)

create table Pelanggan

(KdPelanggan char (5)

constraint PK\_Pelanggan\_KdPelanggan primary key check (KdPelanggan like '[A-Z][A-Z][0-9][0-9][0-9]'),

NmPelanggan varchar (30)

constraint NN\_Pelanggan\_NmPelanggan not null,

Alamat varchar (40)

constraint NN\_Pelanggan\_Alamat not null,

Kota varchar (20)

constraint NN\_Pelanggan\_Kota not null check (Kota in ('Surabaya','Malang','Sidoarjo')),

Telepon varchar (12)

constraint NN\_Pelanggan\_Telepon not null

)

create table Penjualan

(NoFaktur char (5)

constraint PK\_Penjualan\_NoFaktur primary key,

TglFaktur datetime

constraint NN\_Penjualan\_TglFaktur not null,

KodePlg char (5)

constraint FK\_Penjualan\_KodePlg foreign key references Pelanggan(KdPelanggan)

)

create table DetilJual

(Nofaktur char (5)

constraint FK\_DetilJual\_NoFaktur foreign key references Penjualan(NoFaktur),

KodeBarang char (5)

constraint FK\_DetilJual\_KodeBarang foreign key references Barang(KdBarang),

JmlJual int

constraint NN\_DetilJual\_JmlJual not null check (JmlJual between 1 and 1000),

constraint PK\_DetilJual\_NoFaktur\_KodeBarang primary key (NoFaktur, KodeBarang)

)

insert into Barang values ('MD002','Mesin Cuci Daiichi','Unit',300 ,1450000)

insert into Pelanggan values ('CV005', 'CV. Dwi Putra', 'Jl. Sulawesi 130', 'Surabaya', '0315924545')

insert into Penjualan values ('F0010', '25-JUL-2002', 'PT001')

insert into DetilJual (NoFaktur,KodeBarang, JmlJual)

values ('F0001', 'TS001', 7)

insert into DetilJual (NoFaktur,KodeBarang, JmlJual)

values ('F0001', 'LG001', 3)