Nama : Wira Adipratama

NIM : 12.41010.0201

Create table Barang

(

KDbarang char(5) Constraint CK\_Barang\_KDbarang Check (KDbarang like '[A-Z][A-Z][0-9][0-9][0-9]'),

NMbarang varchar(30) constraint NN\_Barang\_NamaBarang Not Null,

Satuan varchar(15) constraint NN\_Barang\_Satuan Not Null,

Stok integer constraint NN\_Barang\_Stok Not Null,

HGjual integer constraint NN\_Barang\_HargaJual Not Null,

Constraint PK\_Barang\_KodeBarang Primary Key (KDbarang)

);

Insert Into Barang Values('TS001','Tape Sony 300 Watt','Unit',1000,500000)

Insert Into Barang Values('TA002','Tape Aiwa 500 Watt','Unit',1200,750000)

Insert Into Barang Values('VP001','TV Panasonic 20"','Unit',1500,2000000)

Insert Into Barang Values('VS002','TV Sony 21"','Unit',900,2150000)

Insert Into Barang Values('VA003','TV Aiwa 21"','Unit',400,1850000)

Insert Into Barang Values('KG001','Kompor Gas Rinai','Unit',500,150000)

Insert Into Barang Values('KG002','Kompor Gas Electrolux','Unit',250,400000)

Insert Into Barang Values('LG001','Lemari Es LG','Unit',750,1250000)

Insert Into Barang Values('LT002','Lemari Es Toshiba','Unit',400,1850000)

Insert Into Barang Values('LS003','Lemari Es Sharp','Unit',300,1350000)

Insert Into Barang Values('MS001','Mesin Cuci Sharp','Unit',650,1350000)

Insert Into Barang Values('MD002','Mesin Cuci Daiichi','Unit',300,1450000)

Create table Pelanggan

(

KDpelanggan char(5) Constraint CK\_Pelanggan\_KodePelanggan Check (KDpelanggan like '[A-Z][A-Z][0-9]'),

NMpelanggan varchar(30) constraint NN\_Pelanggan\_NamaPelanggan Not Null,

Alamat varchar(40) constraint NN\_Pelanggan\_Alamat Not Null,

Kota varchar(20) constraint CK\_Pelanggan\_Kota Check (Kota in ('', '', '', '')),

Telepon varchar(12) constraint NN\_Pelanggan\_Telepon Not Null,

Constraint PK\_Pelanggan\_KodePelanggan Primary Key (KDpelanggan)

);

Create table Penjualan

(

NOfaktur char(5) Constraint PK\_Penjualan\_NoFaktur Primary Key,

TGLfaktur Datetime constraint NN\_Penjualan\_TanggalFaktur Not Null,

KDpelanggan char (5) constraint FK\_Penjualan\_KodePelanggan references Pelanggan (KDpelanggan)

);

Create table DetilJual

(

NOfaktur char (5) Constraint FK\_DetilJual\_NoFaktur references Penjualan (NOfaktur),

KDbarang char (5) constraint FK\_DetilJual\_KodeBarang references Barang (KDbarang),

JMHjual integer constraint CK\_DetilJual\_JMHjual Check (JMHjual between 1 and 1000),

Constraint PK\_DetilJual\_NOfaktur\_KDbarang Primary Key (NOfaktur, KDbarang)

);