Nama : Rasyid Ibrahim Fattah Kode Peserta : FSDO001ONL030

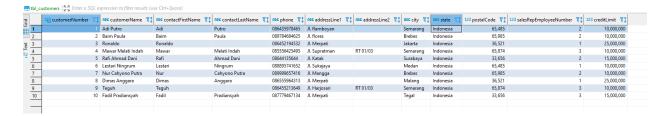
ASSIGNMENT 2

Customers => stores data customer

```
create table tbl_customers(
    customerNumber int identity(1,1) primary key,
    customerName varchar(50),
    contactFirstName varchar(50),
    contactLastName varchar(50),
    phone varchar(13) unique,
    addressLine1 varchar(100),
    addressLine2 varchar(100),
    city varchar(50),
    state varchar(50),
    state varchar(50),
    costalCode int,
    salesRepEmployeeNumber int,
    creditLimit int
);
```

```
insert into tbl_customers(customerName, contactFirstName, contactLastName, phone, addressLine1, addressLine2, city, state, postalCode, salesRepEmployeeNumber, creditLimit)values 
('Adi Putro', 'Adi', 'Putro', '086435978465', 'Jl. flamboyan', '', 'Semarang', 
'Indonesia', '65485', '2', '10000000'), 
('Baim Paula', 'Baim', 'Paula', '089784684625', 'Jl. flores', '', 'Brebes', 
'Indonesia', '65985', '2', '10000000'), 
('Ronaldo', 'Ronaldo', '', '086452194532', 'Jl. Merpati', '', 'Jakarta', 
'Indonesia', '36521', '1', '25000000'), 
('Mawar Melati Indah', 'Mawar', 'Melati Indah', '085556425495', 'Jl. Supratman', 
'RT 01/03', 'Semarang', 'Indonesia', '65874', '3', '10000000'), 
('Rafi Ahmad Dani', 'Rafi', 'Ahmad Dani', '08644135644', 'Jl. Katak', '', 
'Surabaya', 'Indonesia', '33656', '2', '15000000'), 
('Lestari Ningrum', 'Lestari', 'Ningrum', '088895741652', 'Jl. Sukajaya', '', 
'Medan', 'Indonesia', '65485', '1', '10000000'),
```

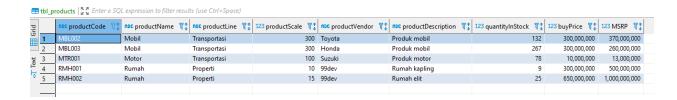
```
('Nur Cahyono Putra', 'Nur', 'Cahyono Putra', '089999657416', 'Jl. Mangga', '', 'Brebes', 'Indonesia', '65985', '2', '10000000'), ('Dimas Anggara', 'Dimas', 'Anggara', '086555964313', 'Jl. Merpati', '', 'Malang', 'Indonesia', '36521', '1', '25000000'), ('Teguh', 'Teguh', '', '086455213649', 'Jl. Harjosari', 'RT 01/03', 'Semarang', 'Indonesia', '65874', '3', '10000000'), ('Fadil Pradiansyah', 'Fadil', 'Pradiansyah', '087779467134', 'Jl. Merpati', '', 'Tegal', 'Indonesia', '33656', '3', '15000000');
```



2. Products => stores daftar/list model product (dalam hal ini bisa mobil/motor dll)

```
create table tbl_products(
    productCode varchar(50) primary key,
    productName varchar(50),
    productLine varchar(50),
    productScale int,
    productVendor varchar(50),
    productDescription text,
    quantityInStock int,
    buyPrice int,
    MSRP int,
);
```

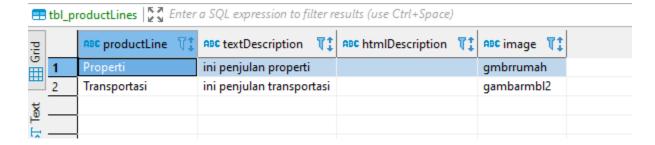
```
INSERT into tbl_products values
('MBL002', 'Mobil', 'Transportasi', '300', 'Toyota', 'Produk mobil', '132',
'300000000', '3700000000'),
('MBL003', 'Mobil', 'Transportasi', '300', 'Honda', 'Produk mobil', '267',
'300000000', '260000000'),
('MTR001', 'Motor', 'Transportasi', '100', 'Suzuki', 'Produk motor', '78',
'10000000', '130000000'),
('RMH001', 'Rumah', 'Properti', '10', '99dev', 'Rumah kapling', '9', '300000000',
'500000000'),
('RMH002', 'Rumah', 'Properti', '15', '99dev', 'Rumah elit', '25', '650000000',
'1000000000');
```



3. Productlines => stores daftar/list kategori product

```
create table tbl_productLines(
    productLine varchar(50) primary key,
    textDescription text,
    htmlDescription text,
    image varchar(255)
);
```

```
INSERT into tbl_productLines values
('Transportasi', 'ini penjulan transportasi', '', 'gambarmbl2'),
('Properti', 'ini penjulan properti', '', 'gmbrrumah');
```



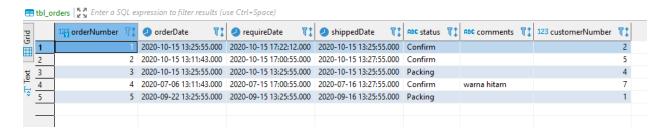
4 Orders -> store Order Cales alsh sustamer

4. Orders => store Order Sales oleh customer

```
create table tbl_orders(
    orderNumber int identity(1,1) primary key,
    orderDate datetime,
    requireDate datetime,
    shippedDate datetime,
    status varchar(15),
    comments varchar(100),
    customerNumber int
```

):

```
INSERT into tbl_orders(orderDate, requireDate, shippedDate, status, comments, customerNumber)values
('2020-10-15 13:25:55', '2020-10-15 17:22:12', '2020-10-15 13:25:55', 'Confirm', '', '2'),
('2020-10-15 13:11:43', '2020-10-15 17:00:55', '2020-10-15 13:27:55', 'Confirm', '', '5'),
('2020-10-15 13:25:55', '2020-10-15 13:25:55', '2020-10-15 13:25:55', 'Packing', '', '4'),
('2020-7-6 13:11:43', '2020-7-15 17:00:55', '2020-7-16 13:27:55', 'Confirm', 'warna hitam', '7'),
('2020-9-22 13:25:55', '2020-9-15 13:25:55', '2020-9-16 13:25:55', 'Packing', '', '1');
```



5. OrderDetails => store Item Order sales dalam setiap order sales

5. OrderDetails => store item Order sales dalam setiap order sales

create table tbl_orderDetails(
 orderLineNumber int identity(1,1) primary key,
 orderNumber int unique,
 productCode varchar(50),
 quantityOrdered int,
 priceEach int,

```
insert into tbl_orderDetails(orderNumber, productCode, quantityOrdered,
priceEach)values
('1', 'RMH001', '1', '500000000'),
('2', 'RMH001', '1', '500000000'),
('3', 'MBL001', '1', '450000000'),
('4', 'MBL002', '1', '370000000'),
('5', 'MTR001', '2', '250000000');
```

tbl_orderDetails ♀ ♀ Enter a SQL expression to filter results (use Ctrl+Space)										
Grid		123 orderLineNumber 🎖	123 orderNumber	T:	ABC productCode	T:	123 quantityOrdered	T:	123 priceEach 🏋 🕻	
<u>9</u>	1			1	RMH001			- 1	500,000,000	
-	2		2	2	RMH001			1	500,000,000	
봈	3		3	3	MBL001			1	450,000,000	
	4		1	4	MBL002			1	370,000,000	
Ê	5		5	5	MTR001			2	250,000,000	
		i								

6. Payments => store Pembayaran oleh customer sesuai dengan akun pembayaran

```
create table tbl_payments(
    checkNumber int identity(1,1) primary key,
    customerNumber int,
    paymentDate datetime,
    amount int
);
```

```
INSERT into tbl_payments(customerNumber, paymentDate, amount)values
('5', '2020-10-15 13:30:33', '25000000'),
('2', '2020-10-15 13:25:55', '25000000'),
('4', '2020-10-15 13:25:55', '25000000'),
('1', '2020-9-22 13:25:55', '25000000'),
('7', '2020-7-6 13:11:43', '25000000');
```

Grid		12₫ checkNumber 🏋‡	123 customerNumber 🏋	paymentDate T:	123 amount 🏋 📜
<u>.</u>	1	1	5	2020-10-15 13:30:33.000	25,000,000
	2	2	2	2020-10-15 13:25:55.000	25,000,000
봈	3	3	4	2020-10-15 13:25:55.000	25,000,000
Ę.	4	4	1	2020-09-22 13:25:55.000	25,000,000
	5	5	7	2020-07-06 13:11:43.000	25,000,000

7. Employee => store informasi karyawan dalam sebuah organisasi struktur

```
create table tbl_employee(
    employeeNumber int identity(1,1) primary key,
    firstName varchar(50),
    lastName varchar(50),
    extension char check(extension in('Y','N')),
    email varchar(50) unique,
    officeCode int,
    reportsTo int,
    jobTitlte varchar(50)
);
```

```
INSERT INTO tbl_employee(firstName, lastName, extension, email, officeCode,
reportsTo, jobTitlte)values
('Indah', 'Sari', 'Y', 'indah@gmail.com', '3', '4', 'Staff'),
('Bayu', 'Riyadi', 'N', 'bayu@gmail.com', '3', '4', 'Staff'),
('Afis', 'Putra', 'Y', 'afis@gmail.com', '1', '5', 'Staff'),
('Resa', 'Kumala', 'Y', 'resa@gmail.com', '2', '6', 'SPV'),
('Fahmi', 'Afianto', 'Y', 'fahmi@gmail.com', '4', '6', 'SPV'),
('Yunanda', 'Gilang', 'Y', 'gilang@gmail.com', '1', '5', 'Manager');
```

⊞ tol_employee _{2 St} Enter a SQL expression to futer results (use Cirt+space)										
pirid		127 employeeNumber 🏋 🕻	ABC firstName 🏋 🕽	asc lastName	ABC extension	‡ ABC email 🏋 🕽	123 officeCode 🏋 🕽	123 reportsTo 🏋🛟	ABC jobTitlte 🏋 🕻	
9	1	1	Indah	Sari	Υ	indah@gmail.com	3	4	Staff	
ш	2	2	Bayu	Riyadi	N	bayu@gmail.com	3	4	Staff	
¥ .	3	3	Afis	Putra	Υ	afis@gmail.com	1	5	Staff	
Ψ.	4	4	Resa	Kumala	Υ	resa@gmail.com	2	6	SPV	
\$	5	5	Fahmi	Afianto	Υ	fahmi@gmail.com	4	6	SPV	
	6	6	Yunanda	Gilang	Υ	gilang@gmail.com	1	5	Manager	

Officer > stone data calca affica

8. Offices => store data sales office

```
create table tbl_offices(
    officeCode int identity(1,1) primary key,
    city varchar(50),
    phone varchar(13) unique,
    addressLine1 varchar(100),
    addressLine2 varchar(100),
    state varchar(50),
    postalCode int,
    territory varchar(50)
);
```

```
INSERT into tbl_offices(city, phone, addressLine1, addressLine2, state,
postalCode, territory)values
('Semarang', '021666', 'Jl. Pemuda', '', 'Indonesia', '66452', 'Indonesia'),
('Semarang', '021645', 'Jl. Indraprasta', '', 'Indonesia', '65345', 'Indonesia'),
('Tegal', '024689', 'Jl. batu', '', 'Indonesia', '55124', 'Indonesia'),
('Pemalang', '056645', 'Jl. Damai', '', 'Indonesia', '11204', 'Indonesia');
```

tbl_offices | Enter a SQL expression to filter results (use Ctrl+Space)

Grid		127 officeCode	T:	ABC city ₹‡	ABC phone	ABC addressLine1	T:	ABC addressLine2	7‡	ABC state ₹‡	123 postalCode 🏋 🕻	ABC territory	T:
<u></u>	1		1	Semarang	021666	Jl. Pemuda				Indonesia	66,452	Indonesia	
	2		2	Semarang	021645	Jl. Indraprasta				Indonesia	65,345	Indonesia	
¥	3		3	Tegal	024689	Jl. batu				Indonesia	55,124	Indonesia	
<u></u>	4		4	Pemalang	056645	Jl. Damai				Indonesia	11,204	Indonesia	