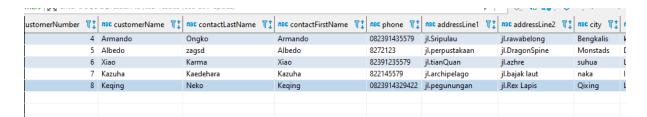
Nama : Armando Fransisco Ongko

Kode Peserta: FSDO001ONL026

Tugas : Assigment 2

1. Customers => stores data customer

```
CREATE TABLE customers(
       customerNumber INT identity(1,1) Primary Key,
       customerName VARCHAR(50) NOT NULL,
       contactLastName VARCHAR(50) NOT NULL,
       contactFirstName VARCHAR(50) NOT NULL,
       phone varchar(20) NOT NULL,
       addressLine1 VARCHAR(100) NOT NULL,
       addressLine2 VARCHAR(100) NOT NULL,
       city VARCHAR(25) NOT NULL,
       state VARCHAR(25) NOT NULL,
       postalCode VARCHAR(10) NOT NULL,
       country VARCHAR(50) NOT NULL,
       salesRepEmployeeNumber VARCHAR(20) NOT NULL,
       creditLimit INT not null
);
INSERT INTO customers(customerName,contactLastName,
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,sal
esRepEmployeeNumber,creditLimit)VALUES(
'Armando','Ongko','Armando','082391435579','jl.Sripulau','jl.rawabelong','Bengkali
s','kec.Bengkalis','28143','Riau','#2031415',20000000);
INSERT INTO customers(customerName, contactLastName,
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,sal
esRepEmployeeNumber,creditLimit)VALUES(
'Albedo', 'zagsd', 'Albedo', '8272123', 'jl.perpustakaan', 'jl.DragonSpine', 'Monstads',
'DragonSpine', '12345', 'Teyvat', '#2031343', 50000000);
INSERT INTO customers(customerName,contactLastName,
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,sal
esRepEmployeeNumber, creditLimit) VALUES (
'Xiao','Karma','Xiao','82391235579','jl.tianQuan','jl.azhre','suhua','Liyue','1234
2', 'Teyvat', '#2231415',80000000);
INSERT INTO customers(customerName,contactLastName,
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,sal
esRepEmployeeNumber, creditLimit) VALUES (
'Kazuha','Kaedehara','Kazuha','822145579','jl.archipelago','jl.bajak
laut','naka','Inazuma','28149','Teyvat','#2031420',15000000);
INSERT INTO customers(customerName,contactLastName,
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,sal
esRepEmployeeNumber,creditLimit)VALUES(
'Keqing','Neko','Keqing','0823914329422','jl.pegunungan','jl.Rex
Lapis', 'Qixing', 'Liyue', '28199', 'Teyvat', '#2033315', 25000000);
       SELECT * from customers;
```





Gambar soal no 1

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

```
CREATE TABLE products(
      productCode int identity(1,1) Primary Key,
      productName VARCHAR(50) NOT NULL,
      productLine VARCHAR(50) NOT NULL,
      productScale int NOT NULL,
      productVendor varchar(50) NOT NULL,
      productDescription text NOT NULL,
      quantityInStock int NOT NULL,
      buyPrice int NOT NULL,
      MSRP varchar(50) NOT NULL
);
INSERT into
products(productName,productLine,productScale,productVendor,productDescription,qua
ntityInStock,buyPrice,MSRP) values
('Scarlett', 'Cosmetic', 5, 'Unilever', 'Bagus Bagus Bagus Bagus
Bagus',1500,48900,46000);
INSERT into
products(productName, productLine, productScale, productVendor, productDescription, qua
ntityInStock,buyPrice,MSRP) values
('Indomie', 'Food & Beverage', 8, 'Indofood', 'Seleraku!', 20043, 2500, 2300);
INSERT into
products(productName, productLine, productScale, productVendor, productDescription, qua
ntityInStock,buyPrice,MSRP) values
('Milku', 'Food & Beverage', 5, 'IndoSusu', 'susu asli', 5393, 3000, 2500);
```

## **INSERT** into

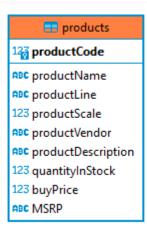
 $products (product Name, product Line, product Scale, product Vendor, product Description, quantity In Stock, buy Price, MSRP) \\ \textbf{values}$ 

```
('Spotify', 'music',5, 'music Ent', 'Dengarkan lagu',300,54900,49900);
```

## **INSERT** into

products(productName,productLine,productScale,productVendor,productDescription,qua ntityInStock,buyPrice,MSRP) values ('Logitech Speaker','Electronic & Komputer',8,'Logitech Indonesia','Ceria Ceria',300,159000,146000);

roductCode 🏋 🕽	RBC productName 🏋 🕻	productLine T‡	123 productScale 🏋 🕻	productVendor 🏋	ABC productDescription T:	123 quantityInStock 🏋 🕻	123 b
1	Scarlett	Cosmetic	5	Unilever	Bagus Bagus Bagus Bagus	1,500	
2	Indomie	Food & Beverage	8	Indofood	Seleraku!	20,043	
3	Milku	Food & Beverage	5	IndoSusu	susu asli	5,393	
4	Spotify	music	5	music Ent	Dengarkan lagu	300	
5	Logitech Speaker	Electronic & Komputer	8	Logitech Indonesia	Ceria Ceria	300	

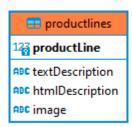


Gambar Soal no 2

3. Productlines => stores daftar/list kategori product

```
CREATE TABLE productlines(
      productLine int identity(1,1) Primary Key,
      textDescription text not NULL,
      htmlDescription text NOT NULL,
      image varchar(255) NOT NULL
);
INSERT into productlines (textDescription,htmlDescription,[image]) values('Food &
Beverage','food.html','asdkeofggnakdsadahsjf.jpg');
INSERT into productlines (textDescription,htmlDescription,[image])
values('Cosmetic','cosmetic.html','lldfpegkokfaodj.jpg');
INSERT into productlines (textDescription,htmlDescription,[image])
values('Games','games.html','askdoegjeajdkjkvnraww.jpg');
INSERT into productlines (textDescription, htmlDescription, [image])
values('Music', 'music.html', 'askdeiofgkgekgasf.jpg');
INSERT into productlines (textDescription,htmlDescription,[image])
values('Sport','sport.html','ajkigjtroehwbewjr.jpg');
```

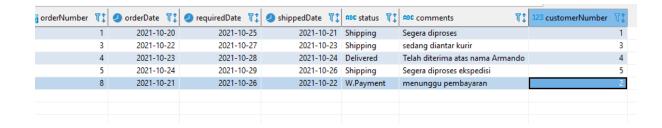
123 productLine \\\ \\ \\ \\ \\ \	ABC textDescription 🏋‡	ABC htmlDescription 🏋‡	ABC image	7:
1	Food & Beverage	food.html	asdke of ggnakdsadah sjf.jpg	
2	Cosmetic	cosmetic.html	lldfpegkokfaodj.jpg	
3	Games	games.html	askdoegjeajdkjkvnraww.jpg	
4	Music	music.html	ask dei of gkgekgasf.jpg	
5	Sport	sport.html	ajkigjtroehwbewjr.jpg	

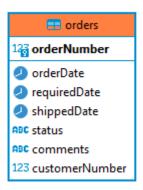


Gambar Soal no 3

4. Orders => store Order Sales oleh customer

```
CREATE TABLE orders(
      orderNumber int identity(1,1) Primary Key,
      orderDate DATE NOT NULL,
      requiredDate DATE NOT NULL,
      shippedDate DATE NOT NULL,
      status varchar(10) NOT NULL,
      comments varchar(255) NOT NULL,
      customerNumber int NOT NULL
);
INSERT into orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber) values ('2021-
10-20','2021-10-25',
'2021-10-21', 'Shipping', 'Segera diproses', 1);
INSERT into orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber) values ('2021-
10-21','2021-10-26',
'2021-10-22', 'W. Payment', 'menunggu pembayaran', 2);
INSERT into orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber) values ('2021-
10-22','2021-10-27',
'2021-10-23', 'Shipping', 'sedang diantar kurir', 3);
INSERT into orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber) values ('2021-
10-23','2021-10-28',
'2021-10-24', 'Delivered', 'Telah diterima atas nama Armando',4);
INSERT into orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber) values ('2021-
10-24','2021-10-29',
'2021-10-26', 'Shipping', 'Segera diproses ekspedisi', 5);
```



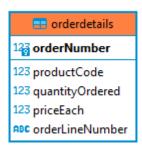


Gambar Soal no 4

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

```
CREATE TABLE orderdetails(
      orderNumber int identity(1,1) Primary Key,
      productCode int NOT NULL,
      quantityOrdered int NOT NULL,
      priceEach int NOT NULL,
      orderLineNumber varchar(50) NOT NULL
);
INSERT into orderdetails (productCode,quantityOrdered,priceEach,orderLineNumber)
values(2001,3,49000,'#kd03492');
INSERT into orderdetails (productCode, quantityOrdered, priceEach, orderLineNumber)
values(2002,69,3000,'#kd05543');
INSERT into orderdetails (productCode, quantityOrdered, priceEach, orderLineNumber)
values(2003,6,10000, '#kd04956');
INSERT into orderdetails (productCode,quantityOrdered,priceEach,orderLineNumber)
values(2004,100,500,'#kd96569');
INSERT into orderdetails (productCode,quantityOrdered,priceEach,orderLineNumber)
values(2005,2,39999,'#kd12345');
```

1 2 2					
12♂ orderNumber 🎖 🗘	123 productCode 🏋 🕻	123 quantityOrdered 🏋 🕻	123 priceEach 🏋 🕻	ABC orderLineNumber	T:
1	2,001	3	49,000	#kd03492	
2	2,002	69	3,000	#kd05543	
3	2,003	6	10,000	#kd04956	
4	2,004	100	500	#kd96569	
5	2,005	2	39,999	#kd12345	

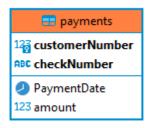


Gambar Soal no 5

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

```
CREATE TABLE payments(
      customerNumber int identity(1,1) ,
      checkNumber VARCHAR(50) not null,
      PaymentDate Date NOT NULL,
      amount int NOT NULL,
      primary key (customerNumber, checkNumber)
);
INSERT into payments (checkNumber,PaymentDate,amount) values('#B20334','2021-10-
20',5932);
INSERT into payments (checkNumber,PaymentDate,amount) values('#B20236','2021-10-
21',10);
INSERT into payments (checkNumber,PaymentDate,amount) values('#B29532','2021-10-
INSERT into payments (checkNumber,PaymentDate,amount) values('#B20605','2021-10-
23',94);
INSERT into payments (checkNumber,PaymentDate,amount) values('#B20900','2021-10-
24',20);
```

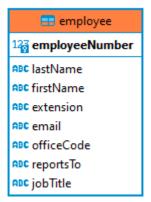
a customerNumber	V:	asc checkNumber 🏋‡	PaymentDate T:	123 amount 🏋
	- 1	#B20334	2021-10-20	5,932
	2	#B20236	2021-10-21	10
	3	#B29532	2021-10-22	492
	4	#B20605	2021-10-23	94
	5	#B20900	2021-10-24	20



Gambar Soal no 6

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

```
CREATE TABLE employee(
        employeeNumber int identity(1,1) Primary Key,
        lastName VARCHAR(50) NOT NULL,
        firstName VARCHAR(50) NOT NULL,
        extension varchar(50) NOT NULL,
        email varchar(50) NOT NULL,
        officeCode varchar(10) NOT NULL,
        reportsTo varchar(25) NOT NULL,
        jobTitle varchar(25) NOT NULL,
);
INSERT into employee
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
values('ongko','armando','Manager',
'arm@ocobc.com','N2001','Jimin','Chief Technology Officer');
INSERT into employee
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
values('siregar','david','IT Staff',
'siregar@ocobc.com', 'N2002', 'Armando', 'Software Engineer Staff');
INSERT into employee
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
values('gadgetin','david','Content Creator',
'davic@ocobc.com','N2003','iqbal','Youtube Content Creator');
INSERT into employee
(lastName,firstName,extension,email,officeCode,reportsTo,jobTitle)
values('pengerti', 'budi', 'IT Staff',
'budi@ocobc.com','N2004','Eka','Senior Engineer Staff');
INSERT into employee
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
values('Cahyadi','Eka','Manager',
         'eka@ocobc.com','N2005','Darwin','IT Manager Staff');
        123 employeeNumber Tt ABC lastName Tt ABC firstName Tt ABC extension Tt ABC email
                                                                  RBC officeCode T ABC reportsTo T ABC jobTitle
                                                        arm@ocobc.com N2001
                     1 ongko
                                  armando
                                             Manager
                                                                                Jimin
                                                                                           Chief Technology Officer
                                  david
                                             IT Staff
                                                        siregar@ocobc.com N2002
                                                                                Armando
                                                                                           Software Engineer Staff
                     3 gadgetin
                                  david
                                             Content Creator
                                                                                           Youtube Content Creator
                                                        davic@ocobc.com N2003
                                                                                igbal
                     6 pengerti
                                  budi
                                                        budi@ocobc.com
                                                                                Eka
                                                                                           Senior Engineer Staff
                     7 Cahyadi
                                  Eka
                                             Manager
                                                                    N2005
                                                                                Darwin
                                                        eka@ocobc.com
```



Gambar Soal No 7

8. Offices => store data sales office

```
CREATE TABLE offices(
      officeCode int identity(1,1) Primary Key,
      city VARCHAR(50) NOT NULL,
      phone VARCHAR(50) NOT NULL,
      addressLine1 VARCHAR(100) NOT NULL,
      addressLine2 VARCHAR(100) NOT NULL,
      state VARCHAR(25) NOT NULL,
      country VARCHAR(50) NOT NULL,
      postalCode VARCHAR(10) NOT NULL,
      territory varchar(20) not null
);
INSERT into offices
(city,phone,addressLine1,addressLine2,state,country,postalCode,territory)
values('Jakarta selatan','782353',
'jl.satrio','jl.sripulau','setia budi','siak','12039','Jaksel');
INSERT into offices
(city,phone,addressLine1,addressLine2,state,country,postalCode,territory)
values('Jakarta utara','2344512',
'jl.satria','jl.s.kasim','pambang','rawabelong','53221','Monstads');
INSERT into offices
(city,phone,addressLine1,addressLine2,state,country,postalCode,territory)
values('Jakarta timur','534645',
'jl.employee', 'jl.sudirman', 'bantan', 'pademangan', '24652', 'Liyue');
INSERT into offices
(city,phone,addressLine1,addressLine2,state,country,postalCode,territory)
values('Jakarta pusat','345322',
'jl.bunga','jl.hangtuah','wonosari','sungai putih','28734','Inazuma');
INSERT into offices
(city,phone,addressLine1,addressLine2,state,country,postalCode,territory)
values('Jakarta barat','67456334',
'jl.sial','jl.antara','tanjung palu','selat baru','284523','Sumeru');
```

₫ officeCode 🏋‡	ABC city TI	RBC phone TI	ABC addressLine1 🏋	ABC addressLine2 🏋	ABC state TI	ABC country 🏋 🕽	postalCode 🏋	ABC territory 🏋
1	Jakarta selatan	782353	jl.satrio	jl.sripulau	setia budi	siak	12039	Jaksel
2	Jakarta utara	2344512	jl.satria	jl.s.kasim	pambang	rawabelong	53221	Monstads
3	Jakarta timur	534645	jl.employee	jl.sudirman	bantan	pademangan	24652	Liyue
4	Jakarta pusat	345322	jl.bunga	jl.hangtuah	wonosari	sungai putih	28734	Inazuma
5	Jakarta barat	67456334	jl.sial	jl.antara	tanjung palu	selat baru	284523	Sumeru



Gambar Soal no 8