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,salesRepEmployeeNumber,creditLimit)**VALUES**(

'Armando','Ongko','Armando','082391435579','jl.Sripulau','jl.rawabelong','Bengkalis','kec.Bengkalis','28143','Riau','#2031415',20000000);

**INSERT** **INTO** customers(customerName,contactLastName,

contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,salesRepEmployeeNumber,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,salesRepEmployeeNumber,creditLimit)**VALUES**(

'Xiao','Karma','Xiao','82391235579','jl.tianQuan','jl.azhre','suhua','Liyue','12342','Teyvat','#2231415',80000000);

**INSERT** **INTO** customers(customerName,contactLastName,

contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,salesRepEmployeeNumber,creditLimit)**VALUES**(

'Kazuha','Kaedehara','Kazuha','822145579','jl.archipelago','jl.bajak laut','naka','Inazuma','28149','Teyvat','#2031420',15000000);

**INSERT** **INTO** customers(customerName,contactLastName,

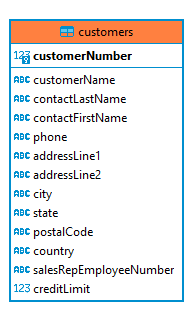
contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,salesRepEmployeeNumber,creditLimit)**VALUES**(

'Keqing','Neko','Keqing','0823914329422','jl.pegunungan','jl.Rex Lapis','Qixing','Liyue','28199','Teyvat','#2033315',25000000);

**SELECT** \* **from** customers;

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Deskripsi dibuat secara otomatis



Gambar soal no 1

1. 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,quantityInStock,buyPrice,MSRP) **values**

('Scarlett','Cosmetic',5,'Unilever','Bagus Bagus Bagus Bagus Bagus',1500,48900,46000);

**INSERT** **into** products(productName,productLine,productScale,productVendor,productDescription,quantityInStock,buyPrice,MSRP) **values**

('Indomie','Food & Beverage',8,'Indofood','Seleraku!',20043,2500,2300);

**INSERT** **into** products(productName,productLine,productScale,productVendor,productDescription,quantityInStock,buyPrice,MSRP) **values**

('Milku','Food & Beverage',5,'IndoSusu','susu asli',5393,3000,2500);

**INSERT** **into** products(productName,productLine,productScale,productVendor,productDescription,quantityInStock,buyPrice,MSRP) **values**

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

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

Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis

Sebuah gambar berisi teks

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Gambar Soal no 2

1. 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');

Sebuah gambar berisi meja

Deskripsi dibuat secara otomatis

Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis

Gambar Soal no 3

1. 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',

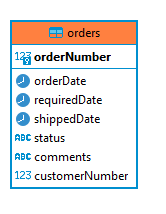
'2021-10-24','Delivered','Telah diterima atas nama Armando',4);

**INSERT** **into** orders (orderDate,requiredDate,shippedDate,status,comments,customerNumber) **values**('2021-10-24','2021-10-29',

'2021-10-26','Shipping','Segera diproses ekspedisi',5);

Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis



Gambar Soal no 4

1. 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**

);

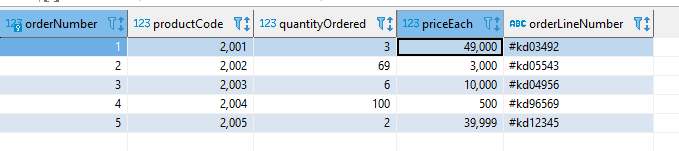
**INSERT** **into** orderdetails (productCode,quantityOrdered,priceEach,orderLineNumber) **values**(2001,3,49000,'#kd03492');

**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');



Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis

Gambar Soal no 5

1. 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);

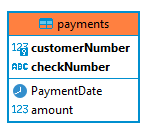
**INSERT** **into** payments (checkNumber,PaymentDate,amount) **values**('#B29532','2021-10-22',492);

**INSERT** **into** payments (checkNumber,PaymentDate,amount) **values**('#B20605','2021-10-23',94);

**INSERT** **into** payments (checkNumber,PaymentDate,amount) **values**('#B20900','2021-10-24',20);

Sebuah gambar berisi meja

Deskripsi dibuat secara otomatis



Gambar Soal no 6

1. 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');

Sebuah gambar berisi teks

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Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis

Gambar Soal No 7

1. 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',

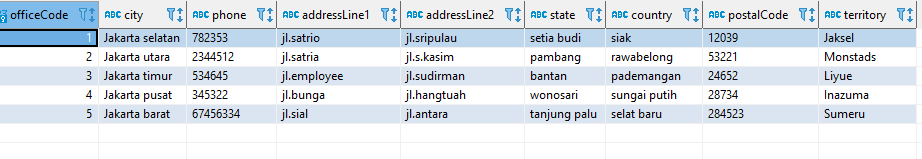
'jl.employee','jl.sudirman','bantan','pademangan','24652','Liyue');

**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');



Sebuah gambar berisi teks

Deskripsi dibuat secara otomatis

Gambar Soal no 8