NamaPeserta : Yosianus Antonio

Kode Peserta : FSDO002ONL007

Tugas : Assigment 2

**Create DB**

Query:

CREATE DATABASE BANK

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. CUSTOMERS
2. Create Table

Query:

CREATE TABLE CUSTOMERS(

CUSTOMER\_NUMBER VARCHAR(10) NOT NULL PRIMARY KEY,

CUSTOMER\_NAME VARCHAR(50) NULL,

CONTACT\_LAST\_NAME VARCHAR(25) NULL,

CONTACT\_FIRST\_NAME VARCHAR(25) NULL,

ADDRESS\_LINE1 VARCHAR(50) NULL,

ADDRESS\_LINE2 VARCHAR(50) NULL,

CITY VARCHAR(50) NULL,

[STATE] VARCHAR(50) NULL,

POSTAL\_CODE VARCHAR(10) NULL,

COUNTRY VARCHAR(20) NULL,

SALES\_REP\_EMPLOYEE\_NUMBER VARCHAR(10) NULL,

CREDIT\_LIMIT INT NULL);

Graphical user interface, text, application

Description automatically generatedScreenshot:

1. Stores data customers

Query:

INSERT INTO dbo.CUSTOMERS

(CUSTOMER\_NUMBER,CUSTOMER\_NAME,CONTACT\_LAST\_NAME,CONTACT\_FIRST\_NAME,ADDRESS\_LINE1,ADDRESS\_LINE2,CITY,[STATE],POSTAL\_CODE,COUNTRY,SALES\_REP\_EMPLOYEE\_NUMBER,CREDIT\_LIMIT)

VALUES

('CM002','Albert Salim','Albert Salim','Antonio','Kel Wayhalim','Kec jagabaya III','Lampung','Bandar Lampung','34241','Indonesia','SR005', '50000000'),

('CM003','Yeftanus Antonio','Yeftanus','Antonio','Kel Baros','Kec Kotaagung','Lampung','Tanggamus','33782','Indonesia','SR001', '100000000'),

('CM004','Riska Andani','Riska','Andani','Kel teluk betung','Kec teluk betung','Lampung','tanjung karang','34241','Indonesia','SR005', '80000000'),

('CM005','Riska Antonio','Riska','Antonio','Kel bandar jaya',

'Kec bandarjaya','Lampung','Tanggamus','34345','Indonesia','SR001','20000000'),

('CM006','Agung Hermansyah','Agung','Hermansyah','Kel kedaton',

'Kec kedaton','Lampung','bandar lampung','33453','Indonesia','SR12', '150000000'),('CM007','Indah Ayu','Indah','Ayu','Kel kedaton',

'Kec Kedaton','Lampung','bandar lampung','34453','Indonesia','SR005', '50000000'),('CM008','Arif Wicaksono','Arif','Wicaksono','Kel aceh selatan',

'Kec Aceh Selatan','Aceh','Aceh','34241','Indonesia','SR009', '250000000'),

('CM009','Supriyono Loekito','Supriyono','Loekito','Kel peringsewu',

'Kec peringsewu','Lampung','peringsewu','34241','Indonesia','SR003', '30000000'),('CM010','Antonio','Antonio','','Kel Baros',

'Kec Kotaagung','Lampung','Tanggamus','34241','Indonesia','SR001', '250000000')

;

Screenshot:

Graphical user interface, application

Description automatically generated

1. PRODUCTS
2. Create Table:

Query:

CREATE TABLE PRODUCTS\_MBL(

PRODUCT\_CODE VARCHAR(10) NOT NULL PRIMARY KEY,

PRODUCT\_NAME VARCHAR(50) NULL,

PRODUCT\_LINE VARCHAR(10) NULL,

PRODUCT\_SCALE VARCHAR(20) NULL,

PRODUCT\_VENDOR VARCHAR(50) NULL,

PRODUCT\_DESCRIPTION TEXT NULL,

QUANTITY\_IN\_STOCK VARCHAR(50) NULL,

BUY\_PRICE INT NULL,

MSRP INT NULL);

Graphical user interface, text, application

Description automatically generatedScreenshot:

1. Stores Data Products

Query:

INSERT INTO dbo.PRODUCTS\_MBL

(PRODUCT\_CODE,PRODUCT\_NAME,PRODUCT\_LINE,PRODUCT\_SCALE,PRODUCT\_VENDOR,

PRODUCT\_DESCRIPTION,QUANTITY\_IN\_STOCK,BUY\_PRICE,MSRP)

VALUES

('PC002','Honda Brio','Mobil','5','Honda','Mobil CUV','6','151400000','150000000'),

('PC003','Honda Mobilio','Mobil','8','Honda','Mobil SUV','4','191400000','180000000'),

('PC004','Honda BR-V','Mobil','8','Honda','Mobil SUV','6','251400000','200000000'),

('PC005','Honda Jazz','Mobil','8','Honda','Mobil CUV','3','261400000','220000000'),

('PC006','Honda All New City','Mobil','10','Honda','Mobil Sedan','12','351400000','330000000'),

('PC007','Honda HR-V','Mobil','8','Honda','Mobil SUV','6','281400000','250000000'),

('PC008','Honda Civic Hatchback','Mobil','10','Honda','Mobil Hatchback','5','451400000','400000000'),

('PC009','Honda All New Civic Turbo','Mobil','10','Honda','Mobil Sedan','6','461400000','450000000'),

('PC010','Honda Civic type R','Mobil','1-','Honda','Mobil Super Car','2','1151400000','1000000000');

Screenshot:

Graphical user interface, application

Description automatically generated

1. PRODUCT\_LINES
2. Create Table:

Query:

CREATE TABLE PRODUCTS\_LINES(

PRODUCT\_LINE VARCHAR(10) NOT NULL PRIMARY KEY,

TEXT\_DESCRIPTION TEXT NULL,

HTML\_DESCRIPTION VARCHAR(10) NULL,

[IMAGE] VARCHAR(200) NULL

);

Graphical user interface, text, application

Description automatically generatedScreenshot:

1. Stores Data Products Lines

Query:

INSERT INTO dbo.PRODUCTS\_LINES

(PRODUCT\_LINE,TEXT\_DESCRIPTION,HTML\_DESCRIPTION,[IMAGE])

VALUES

('Motor','Product untuk kendaraan','honda','Honda\_Indonesia.jpg'),

('Mobil1','Product untuk kendaraan','Toyota','Toyota\_Indonesia.jpg'),

('Motor1','Product untuk kendaraan','Yamaha','Yamaha\_Indonesia.jpg'),

('Mobil2','Product untuk kendaraan','Suzuki','Suzuki\_Indonesia.jpg'),

('Motor2','Product untuk kendaraan','Apche','Apache\_Indonesia.jpg'),

('Motor3','Product untuk kendaraan','Kawasaki','Kawasaki\_Indonesia.jpg'),

('Rumah','Product Hunian','KPR','OCBC\_Product.jpg'),

('Electronic','Product Electronic','','.jpg'),

('Bisnis','Product untuk investasi Buseines','','OCBC\_Procduct.jpg');

Screenshot:

Graphical user interface, application

Description automatically generated

1. ODERS
2. Create Table:

Query:

CREATE TABLE ORDERS(

ORDER\_NUMBER VARCHAR(10) NOT NULL PRIMARY KEY,

ORDER\_DATE DATE NULL,

REQUIRED\_DATE DATE NULL,

SHIPPED\_DATE DATE NULL,

[STATUS] VARCHAR(10) NULL,

[COMMETS] TEXT NULL,

[COSTUMER\_NUMBER] VARCHAR(10) NULL

);

Screenshot:

Graphical user interface, application

Description automatically generated

1. Stores Data ORDERS

Query:

INSERT [dbo].[ORDERS] ([ORDER\_NUMBER], [ORDER\_DATE], [REQUIRED\_DATE], [SHIPPED\_DATE], [STATUS], [COMMETS], [COSTUMER\_NUMBER])

VALUES

(N'ON001', CAST(N'2021-11-01' AS Date), CAST(N'2021-11-02' AS Date), CAST(N'2021-11-03' AS Date), N'GR', N'NOPE', N'CM001'),

(N'ON002', CAST(N'2021-11-02' AS Date), CAST(N'2021-11-03' AS Date), CAST(N'2021-11-04' AS Date), N'GR', N'NOPE', N'CM002'),

(N'ON003', CAST(N'2021-11-03' AS Date), CAST(N'2021-11-04' AS Date), CAST(N'2021-11-05' AS Date), N'GR', N'NOPE', N'CM003');

(N'ON004', CAST(N'2021-11-04' AS Date), CAST(N'2021-11-05' AS Date), CAST(N'2021-11-06' AS Date), N'GR', N'NOPE', N'CM001'),

(N'ON005', CAST(N'2021-11-05' AS Date), CAST(N'2021-11-06' AS Date), CAST(N'2021-11-07' AS Date), N'GR', N'NOPE', N'CM005'),

(N'ON006', CAST(N'2021-11-06' AS Date), CAST(N'2021-11-07' AS Date), CAST(N'2021-11-08' AS Date), N'GR', N'NOPE', N'CM006'),

(N'ON007', CAST(N'2021-11-07' AS Date), CAST(N'2021-11-08' AS Date), CAST(N'2021-11-09' AS Date), N'GR', N'NOPE', N'CM002'),

(N'ON008', CAST(N'2021-11-08' AS Date), CAST(N'2021-11-09' AS Date), CAST(N'2021-11-10' AS Date), N'GR', N'NOPE', N'CM006'),

(N'ON009', CAST(N'2021-11-09' AS Date), CAST(N'2021-11-10' AS Date), CAST(N'2021-11-11' AS Date), N'GR', N'NOPE', N'CM009'),

(N'ON010', CAST(N'2021-11-10' AS Date), CAST(N'2021-11-11' AS Date), CAST(N'2021-11-12' AS Date), N'GR', N'NOPE', N'CM009');

Screenshot:

Graphical user interface, application, table, Excel

Description automatically generated

1. ODERS DETAILS
2. Create Table:

Query:

CREATE TABLE ORDER\_DETAILS(

ORDER\_NUMBER VARCHAR(10) NULL ,

PRODUCT\_CODE VARCHAR(10) NULL ,

QUANTITY\_ORDERED INT NULL,

PRICE\_EACH INT NULL,

ORDER\_LINE\_NUMBER VARCHAR(10) NULL

);

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Stores Data ORDER DETAILS

Query:

INSERT [dbo].[ORDER\_DETAILS] ([ORDER\_NUMBER], [PRODUCT\_CODE], [QUANTITY\_ORDERED], [PRICE\_EACH], [ORDER\_LINE\_NUMBER])

VALUES

(N'ON001', N'PC001', 1, 151400000, N'2'),

(N'ON002', N'PC002', 1, 151400000, N'2'),

(N'ON003', N'PC003', 1, 191400000, N'2'),

(N'ON005', N'PC005', 1, 261400000, N'2'),

(N'ON006', N'PC006', 1, 351400000, N'2'),

(N'ON007', N'PC007', 1, 281400000, N'2'),

(N'ON008', N'PC008', 1, 451400000, N'2'),

(N'ON009', N'PC009', 1, 461400000, N'2'),

(N'ON010', N'PC010', 1, 1151400000, N'2');

Screenshot:

Graphical user interface, application

Description automatically generated

1. PAYMENTS
2. Create Table:

Query:

CREATE TABLE PAYMENTS(

CUSTOMER\_NUMBER VARCHAR(10) NULL,

CHECK\_NUMBER VARCHAR(10) NOT NULL PRIMARY KEY,

PAYMENTDATE DATE NULL,

AMOUNT INT NULL

);

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Stores Data PAYMENTS

Query:

INSERT [dbo].[PAYMENTS] ([CUSTOMER\_NUMBER], [CHECK\_NUMBER], [PAYMENTDATE], [AMOUNT])

VALUES

(N'CM001', N'CH001', CAST(N'2021-11-20' AS Date), 151400000),

(N'CM002', N'CH002', CAST(N'2021-11-21' AS Date), 151400000),

(N'CM003', N'CH003', CAST(N'2021-11-22' AS Date), 191400000),

(N'CM001', N'CH004', CAST(N'2021-11-23' AS Date), 251400000),

(N'CM005', N'CH005', CAST(N'2021-11-24' AS Date), 261400000),

(N'CM006', N'CH006', CAST(N'2021-11-25' AS Date), 351400000),

(N'CM002', N'CH007', CAST(N'2021-11-26' AS Date), 281400000),

(N'CM006', N'CH008', CAST(N'2021-11-27' AS Date), 451400000);

Graphical user interface, application

Description automatically generatedScreenshot:

1. EMPLOYEES
2. Create Table:

Query:

CREATE TABLE EMPLOYEES(

EMPLOYEE\_NUMBER VARCHAR(10) NOT NULL PRIMARY KEY,

LAST\_NAME VARCHAR(25) NULL,

FIRST\_NAME VARCHAR(25) NULL,

EXTENSION VARCHAR(10) NULL,

EMAIL VARCHAR(50) NULL,

OFFICE\_CODE VARCHAR(10) NULL,

REPORTS\_TO VARCHAR(50) NULL,

JOB\_TITLE VARCHAR(50) NULL

);

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Stores Data EMPLOYEES

Query:

INSERT [dbo].[EMPLOYEES] ([EMPLOYEE\_NUMBER], [LAST\_NAME], [FIRST\_NAME], [EXTENSION], [EMAIL], [OFFICE\_CODE], [REPORTS\_TO], [JOB\_TITLE])

VALUES

(N'EM820001', N'Yosianus', N'Antonio', N'789', N'@ocbc.com', N'OC001', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820002', N'Yeftanus ', N'Antonio', N'789', N'@ocbc.com', N'OC002', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820003', N'Riska', N'Antonio', N'789', N'@ocbc.com', N'OC001', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820004', N'Indah ', N'Ayu', N'789', N'@ocbc.com', N'OC001', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820005', N'Joko', N'Pinilih', N'789', N'@ocbc.com', N'OC002', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820006', N'Mayang', N'Indah', N'789', N'@ocbc.com', N'OC003', N'IT MANAGEMENT', N'Software Engineer'),

(N'EM820007', N'Arif ', N'Wiicak', N'789', N'@ocbc.com', N'OC001', N'IT MANAGEMENT', N'Data Engineer'),

(N'EM820008', N'Adi', N'Luhung', N'789', N'@ocbc.com', N'OC002', N'IT MANAGEMENT', N'Data Engineer'),

(N'EM820009', N'Marsha', N'aditya', N'789', N'@ocbc.com', N'OC003', N'IT MANAGEMENT', N'Data Engineer'),

(N'EM820010', N'tandaditaya', NULL, N'789', N'@ocbc.com', N'OC001', N'IT MANAGEMENT', N'Data Engineer');

Screenshot:

Graphical user interface, application

Description automatically generated

1. OFFICES
2. Create Table:

Query:

CREATE TABLE OFFICES(

OFFICE\_CODE VARCHAR(10) NOT NULL PRIMARY KEY,

CITY VARCHAR(50) NULL,

PHONE VARCHAR(15) NULL,

ADDERESS\_LINE1 VARCHAR(25) NULL,

ADDERESS\_LINE2 VARCHAR(25) NULL,

[STATE] VARCHAR(25) NULL,

COUNTRY VARCHAR(25) NULL,

POSTAL\_CODE VARCHAR(10) NULL,

TERRITORY VARCHAR(25) NULL

);

Screenshot:

Graphical user interface, text, application

Description automatically generated

1. Stores Data OFFICES

Query:

INSERT [dbo].[OFFICES] ([OFFICE\_CODE], [CITY], [PHONE], [ADDERESS\_LINE1], [ADDERESS\_LINE2], [STATE], [COUNTRY], [POSTAL\_CODE], [TERRITORY])

VALUES

(N'OC001', N'Bandar Lampung', N'888', N'Bandar Lampung1', N'Bandar Lampung2', N'Bandar Lampung3', N'Indonesia', N'3456', N'abc'),

(N'OC002', N'Jakarta', N'889', N'Jakarta', N'Jakarta2', N'Jakarta3', N'Indonesia', N'3457', N'abs'),

(N'OC003', N'Bogor', N'890', N'Bogor', N'Bogor2', N'Bogor3', N'Indonesia', N'3458', N'abc'),

(N'OC004', N'Tebet', N'891', N'Tebet', N'Tebet2', N'Tebet3', N'Indonesia', N'3459', N'abs'),

(N'OC005', N'Bandung', N'892', N'Bandung', N'Bandung2', N'Bandung3', N'Indonesia', N'3460', N'abc'),

(N'OC006', N'Yogyakarta', N'893', N'Yogyakarta', N'Yogyakarta2', N'Yogyakarta3', N'Indonesia', N'3461', N'abs'),

(N'OC007', N'Bekasi', N'894', N'Bekasi', N'Bekasi2', N'Bekasi3', N'Indonesia', N'3462', N'abc'),

(N'OC008', N'Tasik', N'895', N'Tasik', N'Tasik2', N'Tasik3', N'Indonesia', N'3463', N'abs'),

(N'OC009', N'Jakarta Selatan', N'896', N'Jakarta Selatan', N'Jakarta Selatan2', N'Jakarta Selatan3', N'Indonesia', N'3464', N'abc'),

(N'OC010', N'Jakarta Barat', N'897', N'Jakarta Barat', N'Jakarta Barat2', N'Jakarta Barat2', N'Indonesia', N'3465', N'abs');

Screenshot:

Graphical user interface, application

Description automatically generated

1. Diagram Database SQL
2. Graphical user interface

   Description automatically generated