**Nama Peserta : Duvan Sanjaya**

**Kode Peserta : FSDO002ONL020**

**Tugas : Assignment2**

**No 1**

#Assignment 2 - buat database bank

**create** **database** Bank

**use** Bank

#1

#buat table Customers

**create** **table** Customers(

customerNumber **int** **primary** **key**,

customerName **varchar**(50) **not** **null**,

contactLastName **varchar**(20) **not** **null**,

contactFirstName **varchar**(20) **not** **null**,

phone **varchar**(20) **not** **null**,

addressLine1 **varchar**(50) **not** **null**,

addressLine2 **varchar**(50) **not** **null**,

city **varchar**(20) **not** **null**,

state **varchar**(20) **not** **null**,

postalCode **int** **not** **null**,

country **varchar**(20) **not** **null**,

salesRepEmployeeNumber **int** **not** **null**,

creditLimit **int** **not** **null**

)

#stores data ke table Customers

**insert** **into** Customers(customerNumber,customerName,contactLastName,contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,salesRepEmployeeNumber,creditLimit)

**values**('1','Duvan Sanjaya','Sanjaya','Duvan','081268503339','Jl.Durian','Jl.Mangga','Pekanbaru','Riau','28292','Indonesia','101','1000000')

**insert** **into** Customers(customerNumber,customerName,contactLastName,contactFirstName,phone,addressLine1,addressLine2,city,state,postalCode,country,salesRepEmployeeNumber,creditLimit)

**values**('2','Muhammad Rizky','Rizky','Muhammad','081268584000','Jl.Kapas','Jl.Besi','Medan','Sumatera Utara','28234','Indonesia','102','4000000')

**select** \* **from** Customers

Graphical user interface, application

Description automatically generated

**No 2**

#2

#buat table Products

**create** **table** Products(

productCode **int** **primary** **key**,

productName **varchar**(50) **not** **null**,

productLine **varchar**(50) **not** **null**,

productScale **int** **not** **null**,

productVendor **varchar**(50) **not** **null**,

productDescription **varchar**(100) **not** **null**,

qualityInStock **int** **not** **null**,

buyPrice **int** **not** **null**,

MSRP **int** **not** **null**

)

#Stores daftar ke table Products

**insert** **into** Products(productCode, productName,productLine,productScale,productVendor,productDescription,qualityInStock,buyPrice,MSRP)

**values**('1001','CBR150R','Honda Motor','1','Honda','Hemat Energi','10','30000000','28000000')

**insert** **into** Products(productCode, productName,productLine,productScale,productVendor,productDescription,qualityInStock,buyPrice,MSRP)

**values**('1002','ZX10R','Kawasaki Ninja','2','Kawasaki','Super Cepat','20','100000000','99000000')

**select** \* **from** Products

**Graphical user interface, application, table

Description automatically generated with medium confidence**

**No 3**

#3

#buat table Productlines

**create** **table** Productlines(

productLine **varchar**(50) **primary** **key**,

textDescription **varchar**(100) **not** **null**,

htmlDescription **varchar**(100) **not** **null**,

image **blob** **not** **null**

)

#Stores daftar ke table Productlines

**insert** **into** Productlines(productLine,textDescription,htmlDescription,image)

**values**('Honda Motor','Honda Motor terhemat','hondamotor.html','hondamotor.blob')

**insert** **into** Productlines(productLine,textDescription,htmlDescription,image)

**values**('Kawasaki Ninja','Kawasaki Ninja tercepat','kawasakininja.html','kawasakininja.blob')

**select** \* **from** Productlines

**Graphical user interface, text, application

Description automatically generated**

**No 4**

#4

#buat table Orders

**create** **table** Orders(

orderNumber **int** **primary** **key**,

orderDate **date** **not** **null**,

requiredDate **date** **not** **null**,

shippedDate **date** **not** **null**,

status **varchar**(20) **not** **null**,

comments **varchar**(100) **not** **null**,

customerNumber **int** **not** **null**

)

#stores status ke table Orders

**insert** **into** Orders(orderNumber,orderDate,requiredDate,shippedDate,status,comments,customerNumber)

**values**('1','2021-11-24','2021-11-25','2021-11-26','Dikemas','Menunggu Konfirmasi','1')

**insert** **into** Orders(orderNumber,orderDate,requiredDate,shippedDate,status,comments,customerNumber)

**values**('2','2021-11-27','2021-11-28','2021-11-29','Dikirim','Proses Selesai','2')

**select** \* **from** Orders

**Graphical user interface, application

Description automatically generated**

**No 5**

#5

#buat table OrderDetails

**create** **table** OrderDetails(

orderNumber **int** **primary** **key**,

productCode **int** **not** **null**,

quantityOrdered **int** **not** **null**,

priceEach **int** **not** **null**,

orderLineNumber **int** **not** **null**

)

#store item order sales

**insert** **into** OrderDetails(orderNumber,productCode,quantityOrdered,priceEach,orderLineNumber)

**values**('1','1001','10','30000000','1')

**insert** **into** OrderDetails(orderNumber,productCode,quantityOrdered,priceEach,orderLineNumber)

**values**('2','1002','20','100000000','2')

**Graphical user interface, application, table

Description automatically generatedselect** \* **from** OrderDetails

**No 6**

#6

#buat table Payments

**create** **table** Payments(

customerNumber **int** **primary** **key**,

checkNumber **int** **not** **null**,

paymentDate **date** **not** **null**,

amount **int** **not** **null**

)

#store pembayaran oleh customer

**insert** **into** Payments(customerNumber,checkNumber,paymentDate,amount)

**values**('1','10001','2021-11-26','10')

**insert** **into** Payments(customerNumber,checkNumber,paymentDate,amount)

**values**('2','10002','2021-11-28','20')

**select** \* **from** Payments

**Graphical user interface, application

Description automatically generated**

**No 7**

#7

#buat table Employee

**create** **table** Employee(

employeeNumber **int** **primary** **key**,

lastName **varchar**(20) **not** **null**,

firstName **varchar**(20) **not** **null**,

extension **varchar**(20) **not** **null**,

email **varchar**(50) **not** **null**,

officeCode **varchar**(50) **not** **null**,

reportsTo **varchar**(50) **not** **null**,

jobTitle **varchar**(50) **not** **null**

)

#store informasi karyawan

**insert** **into** Employee(employeeNumber,lastName,firstName,extension,email,officeCode,reportsTo,jobTitle)

**values**('1','Juan','Pablo','January','juanpablo@gmail.com','1xx1','Che','Manager')

**insert** **into** Employee(employeeNumber,lastName,firstName,extension,email,officeCode,reportsTo,jobTitle)

**values**('2','Manila','Pacquiao','February','pacquiaomanila@gmail.com','1xx2','Guevara','CEO')

**select** \* **from** Employee

**Graphical user interface, application

Description automatically generated**

**No 8**

#8

#buat table Offices

**create** **table** Offices(

officeCode **varchar**(50) **primary** **key**,

city **varchar**(20) **not** **null**,

phone **varchar**(20) **not** **null**,

addressLine1 **varchar**(50) **not** **null**,

addressLine2 **varchar**(50) **not** **null**,

state **varchar**(20) **not** **null**,

country **varchar**(20) **not** **null**,

postalCode **int** **not** **null**,

territory **varchar**(20) **not** **null**

)

#store data sales office

**insert** **into** Offices(officeCode,city,phone,addressLine1,addressLine2,state,country,postalCode,territory)

**values**('11x11','Pekanbaru','081245455656','Jl.Nenas','Jl.Melon','Riau','Indonesia','28292','Payung Sekaki')

**insert** **into** Offices(officeCode,city,phone,addressLine1,addressLine2,state,country,postalCode,territory)

**values**('11x12','Medan','081294948383','Jl.Kapas','Jl.Besi','Sumatera Utara','Indonesia','28296','Kampung Lalang')

**select** \* **from** Offices

**Graphical user interface, application

Description automatically generated**