NamaPeserta : Syah Muhammad Alfareizi

Kode Peserta : FSDO002ONL008

Tugas : Assigment 2

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| --- |
| create database db\_bank;    -- TABEL OFFICE DAN ISINYA --  create table offices(  officeCode int identity(1,1) primary key,  officeCity varchar(30) not null,  officePhone varchar(15) not null,  officeAddressLine1 varchar(30) not null,  officeAddressLine2 varchar(30) not null,  officeCountry varchar(15) not null,  officePostalCode int not null,  territory varchar(15) not null,  );  insert into offices(officeCity,officePhone,officeAddressLine1,officeAddressLine2,officeCountry,officePostalCode,territory) values  ('GRESIK','1123','GKB','MANYAR','INDONESIA','61151','A'),  ('SURABAYA','1124','HR','KREMBANGAN','INDONESIA','66151','B'),  ('MALANG','1125','PERAK','PREAK','INDONESIA','66421','C'),  ('MADIUN','1126','MADIUN TIMUR','TIMURNYA MADIUN','INDONESIA','65531','D'),  ('JAKARTA','1127','JAKARTA TIMUR','TIMURNYA JAKARTA','INDONESIA','66324','E'),  ('BANDUNG','1128','BANDUNG TIMUR','TIMURNYA BANDUNG','INDONESIA','66213','F'),  ('BEKASI','1129','BEKASI TIMUR','TIMURNYA BEKASI','INDONESIA','66342','G'),  ('TEBET','1130','TEBET TIMUR','TIMURNYA TEBET','INDONESIA','66454','H'),  ('BOGOR','1131','BOGOR TIMUR','TIMURNYA BOGOR','INDONESIA','66211','I'),  ('JOGJA','1132','JOGJA TIMUR','TIMURNYA JOGJA','INDONESIA','66123','J');    -- TABEL EMPLOYEE DAN ISINYA --  create table employees(  employeeNumber int identity(1,1) primary key,  lastName varchar(20) null,  firstName varchar(20) not null,  extension varchar(20) null,  email varchar(30) not null,  officeCode int,  reportsTo int null,  jobTitle varchar(20) not null  foreign key (officeCode) references offices(officeCode),  foreign key (reportsTo) references employees(employeeNumber),  );  insert into employees(lastName,firstName,extension,email,officeCode,jobTitle) values  ('UDIN','ANTO','S.Pd','ANTO@gmail.com','1','STAF'),  ('ROBRET','ALEX','S.Pd','ALEX@gmail.com','1','MANAJER'),  ('ROGER','MARK','S.Pd','MARK@gmail.com','1','KEPALA CABANG'),  ('UDHIN','ANTHO','S.Pd','ANTHO@gmail.com','2','STAF'),  ('SPE','DAVNY','S.Pd','DAVNY@gmail.com','2','MANAJER'),  ('MMB','PUTRI','S.Pd','PUTRI@gmail.com','2','KEPALA CABANG'),  ('TELKOM','TIA','S.Pd','TIA@gmail.com','3','STAF'),  ('TELKOM','BAGUS','S.Pd','BAGUS@gmail.com','3','MANAJER'),  ('ELIN','TIKO','S.Pd','TIKO@gmail.com','3','KEPALA CABANG'),  ('FAREIZI','SYAH','S.Pd','FARIS@gmail.com','1','CEO');  update employees set reportsTo='3' where employeeNumber='1' or employeeNumber='2';  update employees set reportsTo='6' where employeeNumber='4' or employeeNumber='5';  update employees set reportsTo='9' where employeeNumber='7' or employeeNumber='8';  update employees set reportsTo='10' where employeeNumber='3' or employeeNumber='6' or employeeNumber='9';    -- TABEL CUSTOMER DAN ISINYA --  create table customer(  customerNumber int identity(1,1) primary key,  customerName varchar(50) null,  contactLastName varchar(15) null,  contactFirstName varchar(15) not null,  phone varchar(15) null,  addressLine1 varchar(50) null,  addressLine2 varchar(50) null,  city varchar(15) null,  states varchar(15) null,  postalCode int null,  country varchar(15) null,  salesRepEmployeeNumber int,  creditLimit int not null,  foreign key (salesRepEmployeeNumber) references employees(employeeNumber),  );  insert into customer(customerName,contactLastName,contactFirstName,phone,addressLine1,addressLine2,city,states,postalCode,country,salesRepEmployeeNumber,creditLimit) values  ('IMAN','IMAN','IMAN','0821','WARU','','SIDOARJO','JAWATIMUR','67212','INDONESIA','1','450'),  ('KRISNA','KRISNA','KRISNA','0812','SUKOLILO','','SURABAYA','JAWATIMUR','62531','INDONESIA','1','200'),  ('ALAM','ALAM','ALAM','0813','GKB','','JOMBANG','JAWATIMUR','65423','INDONESIA','1','150'),  ('NANTA','NANTA','NANTA','0814','WARU','','SIDOARJO','JAWATIMUR','53423','INDONESIA','7','200'),  ('BAGUS','BAGUS','BAGUS','0815','PUNCAK','','PASURUAN','JAWATIMUR','62311','INDONESIA','7','200'),  ('ILHAM','ILHAM','ILHAM','0816','TALUN','','BLITAR','JAWATIMUR','63412','INDONESIA','4','200'), ('WAYS','WAYS','WAYS','0817','GKB','','MOKER','JAWATIMUR','61231','INDONESIA','4','250'),  ('TIA','TIA','TIA','0818','BARUK','','SURABAYA','JAWATIMUR','63242','INDONESIA','4','200'),  ('SIFA','SIFA','SIFA','0819','JAKSEL','','JAKARTA','JAWA BARAT','65431','INDONESIA','7','200'),  ('FIKI','FIKI','FIKI','0820','BALONGPANGGANG','','GRESIK','JAWATIMUR','67212','INDONESIA','4','600');      -- TABEL PRODUCTLINES DAN ISINYA --  create table productlines(  productLine varchar(15) primary key,  textDescription varchar(50) not null,  htmlDescription varchar(50) null,  images varbinary(max) null,  );  insert into productlines(productLine, textDescription) values  ('SUV','SEBUAH MOBIL'),  ('MPV','SEBUAH MOBIL'),  ('HATCHBACK','SEBUAH MOBIL'),  ('LCGC','SEBUAH MOBIL'),  ('SPORT CAR','SEBUAH MOBIL'),  ('4X4','SEBUAH MOBIL'),  ('BEBEK','SEBUAH MOTOR'),  ('MANUAL','SEBUAH MOTOR'),  ('MATIC','SEBUAH MOTOR'),  ('BEKAS','SEBUAH MOBIL ATAU MOTOR BEKAS');    -- TABEL PRODUCTS DAN ISINYA --  create table products(  productCode int identity(1,1) primary key,  productName varchar(25) not null,  productLine varchar(15) not null,  productScale varchar(15) null,  productVendor varchar(15) null,  productDescription varchar(100) not null,  quantityInStock int not null,  buyPrice int not null,  MSRP varchar(15) null,  foreign key (productLine) references productlines(productLine)  );  insert products(productName,productLine,productDescription,quantityInStock,buyPrice) values  ('SUPRAX','BEBEK','MOTOR MEREK HONDA','40','2000'),  ('SUPRAX BEKAS','BEKAS','MOTOR MEREK HONDA TAPI BEKAS','20','1100'),  ('BEAT','MATIC','MOTOR MEREK HONDA','3','1500'),  ('AGYA','LCGC','MOBIL MEREK DAIHATSU','40','6000'),  ('AYLA','LCGC','MOBIL MEREK TOYOTA','40','6000'),  ('DATSUN-GO','LCGC','MOBIL MEREK DATSUN','40','5500'),  ('BEAT BEKAS','BEKAS','MOTOR MEREK HONDA','3','900'),  ('AGYA BEKAS','BEKAS','MOBIL MEREK DAIHATSU','1','4900'),  ('AYLA BEKAS','BEKAS','MOBIL MEREK TOYOTA','2','5100'),  ('DATSUN-GO BEKAS','BEKAS','MOBIL MEREK DATSUN','3','5000');    -- TABEL ORDERS DAN ISINYA --  create table orders(  orderNumber int identity(1,1) primary key ,  orderDate date not null,  requiredDate date not null,  shipped date not null,  status varchar(15) null,  comments varchar(100) null,  customerNumber int,  foreign key (customerNumber) references customer(customerNumber)  );  insert into orders(orderDate,requiredDate,shipped,status,comments,customerNumber) values  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','1'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','2'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','3'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','4'),  ('2021-11-25','2021-11-25','2021-11-26','PENDING','NO COMMENTS','5'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','6'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','7'),  ('2021-11-25','2021-11-25','2021-11-26','PENDING','NO COMMENTS','8'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','9'),  ('2021-11-25','2021-11-25','2021-11-26','PAID','NO COMMENTS','10');    -- TABEL ORDERDETAILS DAN ISINYA --  create table orderdetails(  orderNumber int,  productCode int,  quantityOrdered int null,  priceEach int null,  orderLineNumber varchar(20) null,  foreign key (orderNumber) references orders(orderNumber),  foreign key (productCode) references products(productCode),  );  insert into orderdetails(orderNumber,productCode,quantityOrdered,priceEach,orderLineNumber) values  ('1','1','1','2100',''),  ('2','2','1','1200',''),  ('3','3','1','1600',''),  ('4','4','1','6100',''),  ('5','5','1','6500',''),  ('6','6','1','6550',''),  ('7','7','1','1000',''),  ('8','8','1','5000',''),  ('9','9','1','5300',''),  ('10','10','1','5200','');    -- TABEL PAYMENTS DAN ISINYA --  create table payments(  customerNumber int,  checkNumber int primary key,  paymentDate date not null,  amount int null,  foreign key (customerNumber) references customer(customerNumber),  );  insert into payments(customerNumber,checkNumber,paymentDate,amount) values  ('1','4321','2021-11-25','2100'),  ('2','4322','2021-11-25','1200'),  ('3','4323','2021-11-25','1600'),  ('4','4324','2021-11-25','6100'),  ('5','4325','2021-11-25','6500'),  ('6','4326','2021-11-25','6550'),  ('7','4327','2021-11-25','1000'),  ('8','4328','2021-11-25','5000'),  ('9','4329','2021-11-25','5300'),  ('10','4330','2021-11-25','5200');    -- DIAGRAM ERD – |