

Nama Peserta : Etasa Karenisa
Kode Peserta : FSDO001ONL007
Tugas : Assigment 2 – Offices Database (Sesi 6)

Output:

customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1	addressLine2	city	state	postalCode	country
1	Abi	Andria	Abi	089082773647	Jl. A	No. 172	Surabaya	Indonesia	61200	Indonesia
2	Alfi	Andrian	Alfi	089082773557	Jl. AB	No. 17	Sidoarjo	Indonesia	61250	Indonesia
3	Doni	Abisa	Doni	089082883647	Jl. ACD	No. 12	Jakarta	Indonesia	61220	Indonesia
4	Dunu	Mukti	Dunu	089032773647	Jl. AAA	No. 7	Bandung	Indonesia	61210	Indonesia
5	Anton	Amani	Anton	089083273647	Jl. AA	No. 13	Semarang	Indonesia	61240	Indonesia

salesRepEmployeeNumber	creditLimit	employeeNumber	lastName	firstName	extension	email	officeCode	reportsTo	jobTitle
1	10000000	1	Andria	Bagas	111	bagas@gmail.com	150	0	CS
2	10000000	2	Andrian	Agas	112	agas@gmail.com	160	0	CS
3	30000000	3	Alinski	Sari	113	sari@gmail.com	170	0	CS
4	10000000	4	Utomo	Bambang	114	bambang@gmail.com	180	0	CS
5	10000000	5	Sastro	Ani	115	ani@gmail.com	190	0	CS

1. Membuat table customers dan store datanya.

```
CREATE TABLE customers_tb(  
    customerNumber int PRIMARY KEY,  
    customerName varchar(30),  
    contactLastName varchar(10),  
    contactFirstName varchar(10),  
    phone varchar(12),  
    addressLine1 varchar(20),  
    addressLine2 varchar(20),  
    city varchar(10),  
    state varchar(10),  
    postalCode varchar(5),  
    country varchar(10),  
    salesRepEmployeeNumber int,  
    creditLimit varchar(10),  
    FOREIGN KEY (salesRepEmployeeNumber) REFERENCES  
employees_tb(employeeNumber),  
);  
  
INSERT INTO customers_tb(customerNumber, customerName, contactLastName,  
contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,  
country, salesRepEmployeeNumber, creditLimit)  
VALUES ('001', 'Abi', 'Andria', 'Abi', '089082773647', 'Jl. A', 'No. 172',  
'Surabaya', 'Indonesia', '61200', 'Indonesia', '01', '10000000');  
INSERT INTO customers_tb(customerNumber, customerName, contactLastName,  
contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,  
country, salesRepEmployeeNumber, creditLimit)  
VALUES ('002', 'Alfi', 'Andrian', 'Alfi', '089082773557', 'Jl. AB', 'No. 17',  
'Sidoarjo', 'Indonesia', '61250', 'Indonesia', '02', '10000000');  
INSERT INTO customers_tb(customerNumber, customerName, contactLastName,  
contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,  
country, salesRepEmployeeNumber, creditLimit)  
VALUES ('003', 'Doni', 'Abisa', 'Doni', '089082883647', 'Jl. ACD', 'No. 12',  
'Jakarta', 'Indonesia', '61220', 'Indonesia', '03', '30000000');  
INSERT INTO customers_tb(customerNumber, customerName, contactLastName,  
contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,  
country, salesRepEmployeeNumber, creditLimit)  
VALUES ('004', 'Dunu', 'Mukti', 'Dunu', '089032773647', 'Jl. AAA', 'No. 7',  
'Bandung', 'Indonesia', '61210', 'Indonesia', '04', '10000000');  
INSERT INTO customers_tb(customerNumber, customerName, contactLastName,  
contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,  
country, salesRepEmployeeNumber, creditLimit)  
VALUES ('005', 'Anton', 'Amani', 'Anton', '089083273647', 'Jl. AA', 'No. 13',  
'Semarang', 'Indonesia', '61240', 'Indonesia', '05', '10000000');  
  
SELECT * FROM customers_tb INNER JOIN employees_tb ON customers_tb.customerNumber  
= employees_tb.employeeNumber;
```

Output:

productCode	productName	productLine	productScale	productVendor	productDescription	quantityInStock	buyPrice	MSRP	productLine
551	Sabun Wajah	101	30	somethinc	Sabun wajah kulit kering	10	30,000	33,000	101
552	Handphone	102	300	xiaomi	Handphone edisi terkini	5	300,000	330,000	102
553	Tas	103	100	nevada	Tas ringan modern	1	50,000	55,000	103
554	Coklat	104	50	silverq	Coklat manis	30	11,000	13,000	104
555	Paracetamol	105	5	sanmol	Obat sakit kepala	30	3,000	3,000	105

textDescription	htmlDescription	imageProduct
Makeup dan Skincare	MakeupDanSkincare	kosmetik.jpg
Gadget	Gadget	gadget.jpg
Aksesoris	Aksesoris	aksesoris.jpg
Makanan	Makanan	makanan.jpg
Obat	Obat	obat.jpg

2. Membuat table products dan store datanya.

```
CREATE TABLE products_tb(  
  productCode int PRIMARY KEY,  
  productName varchar(30),  
  productLine int,  
  FOREIGN KEY (productLine) REFERENCES product_lines_tb(productLine),  
  productScale int,  
  productVendor varchar(10),  
  productDescription varchar(30),  
  quantityInStock int,  
  buyPrice int,  
  MSRP int,  
);  
  
INSERT INTO products_tb(productCode, productName, productLine, productScale,  
productVendor, productDescription, quantityInStock, buyPrice, MSRP)  
VALUES ('551', 'Sabun Wajah', '101', '30', 'somethinc', 'Sabun wajah kulit  
kering', '10', '30000', '33000');  
INSERT INTO products_tb(productCode, productName, productLine, productScale,  
productVendor, productDescription, quantityInStock, buyPrice, MSRP)  
VALUES ('552', 'Handphone', '102', '300', 'xiaomi', 'Handphone edisi terkini',  
'5', '300000', '330000');  
INSERT INTO products_tb(productCode, productName, productLine, productScale,  
productVendor, productDescription, quantityInStock, buyPrice, MSRP)  
VALUES ('553', 'Tas', '103', '100', 'nevada', 'Tas ringan modern', '1',  
'50000', '55000');  
INSERT INTO products_tb(productCode, productName, productLine, productScale,  
productVendor, productDescription, quantityInStock, buyPrice, MSRP)  
VALUES ('554', 'Coklat', '104', '50', 'silverq', 'Coklat manis', '30', '11000',  
'13000');  
INSERT INTO products_tb(productCode, productName, productLine, productScale,  
productVendor, productDescription, quantityInStock, buyPrice, MSRP)  
VALUES ('555', 'Paracetamol', '105', '5', 'sanmol', 'Obat sakit kepala', '30',  
'3000', '3000');  
  
SELECT * FROM products_tb INNER JOIN product_lines_tb ON products_tb.productLine =  
product_lines_tb.productLine;
```

Output:

productLine	textDescription	htmlDescription	imageProduct
101	Makeup dan Skincare	MakeupDanSkincare	kosmetik.jpg
102	Gadget	Gadget	gadget.jpg
103	Aksesoris	Aksesoris	aksesoris.jpg
104	Makanan	Makanan	makanan.jpg
105	Obat	Obat	obat.jpg

3. Membuat table product lines dan store datanya.

```
CREATE TABLE product_lines_tb(  
  productLine int PRIMARY KEY,  
  textDescription varchar(255) NOT NULL,  
  htmlDescription varchar(255) NOT NULL,  
  imageProduct varchar(255) NOT NULL,
```

```
);

INSERT INTO product_lines_tb(productLine, textDescription, htmlDescription,
imageProduct)
VALUES ('101', 'Makeup dan Skincare', 'MakeupDanSkincare', 'kosmetik.jpg');
INSERT INTO product_lines_tb(productLine, textDescription, htmlDescription,
imageProduct)
VALUES ('102', 'Gadget', 'Gadget', 'gadget.jpg');
INSERT INTO product_lines_tb(productLine, textDescription, htmlDescription,
imageProduct)
VALUES ('103', 'Aksesoris', 'Aksesoris', 'aksesoris.jpg');
INSERT INTO product_lines_tb(productLine, textDescription, htmlDescription,
imageProduct)
VALUES ('104', 'Makanan', 'Makanan', 'makanan.jpg');
INSERT INTO product_lines_tb(productLine, textDescription, htmlDescription,
imageProduct)
VALUES ('105', 'Obat', 'Obat', 'obat.jpg');

SELECT * FROM product_lines_tb;
```

Output:

orderNumber	orderDate	requiredDate	shippedDate	status	comments	customerNumber	customerNumber	customerName	contactLastName
1,010	2021-10-08	2021-10-11	2021-10-09	shipped		1	1	Abi	Andria
1,011	2021-10-08	2021-10-11	2021-10-09	shipped		2	2	Alfi	Andrian
1,012	2021-10-08	2021-10-11	2021-10-09	shipped		3	3	Doni	Abisa
1,013	2021-10-08	2021-10-11	2021-10-09	shipped		4	4	Dunu	Mukti
1,014	2021-10-08	2021-10-11	2021-10-09	shipped		5	5	Anton	Amani

contactFirstName	phone	addressLine1	addressLine2	city	state	postalCode	country	salesRepEmployeeNumber	creditLimit
Abi	089082773647	Jl. A	No. 172	Surabaya	Indonesia	61200	Indonesia	1	10000000
Alfi	089082773557	Jl. AB	No. 17	Sidoarjo	Indonesia	61250	Indonesia	2	10000000
Doni	089082883647	Jl. ACD	No. 12	Jakarta	Indonesia	61220	Indonesia	3	30000000
Dunu	089032773647	Jl. AAA	No. 7	Bandung	Indonesia	61210	Indonesia	4	10000000
Anton	089083273647	Jl. AA	No. 13	Semarang	Indonesia	61240	Indonesia	5	10000000

4. Membuat table orders dan store datanya.

```
CREATE TABLE orders_tb(
    orderNumber int PRIMARY KEY,
    orderDate Date,
    requiredDate Date,
    shippedDate Date,
    status varchar(10),
    comments varchar(10),
    customerNumber int,
    FOREIGN KEY (customerNumber) REFERENCES customers_tb(customerNumber),
);

INSERT INTO orders_tb(orderNumber, orderDate, requiredDate, shippedDate, status,
comments, customerNumber)
VALUES ('1010', '2021/10/08', '2021/10/11', '2021/10/09', 'shipped', '', '001');
INSERT INTO orders_tb(orderNumber, orderDate, requiredDate, shippedDate, status,
comments, customerNumber)
VALUES ('1011', '2021/10/08', '2021/10/11', '2021/10/09', 'shipped', '', '002');
INSERT INTO orders_tb(orderNumber, orderDate, requiredDate, shippedDate, status,
comments, customerNumber)
VALUES ('1012', '2021/10/08', '2021/10/11', '2021/10/09', 'shipped', '', '003');
INSERT INTO orders_tb(orderNumber, orderDate, requiredDate, shippedDate, status,
comments, customerNumber)
VALUES ('1013', '2021/10/08', '2021/10/11', '2021/10/09', 'shipped', '', '004');
INSERT INTO orders_tb(orderNumber, orderDate, requiredDate, shippedDate, status,
comments, customerNumber)
VALUES ('1014', '2021/10/08', '2021/10/11', '2021/10/09', 'shipped', '', '005');

SELECT * FROM orders_tb INNER JOIN customers_tb ON orders_tb.customerNumber =
customers_tb.customerNumber ;
```

Output:

orderNumber	productCode	quantityOrdered	priceEach	orderLineNumber	orderNumber	orderDate	requiredDate	shippedDate	status
1,010	551	1	32,000	701	1,010	2021-10-08	2021-10-11	2021-10-09	shipped
1,011	552	1	3,200,000	702	1,011	2021-10-08	2021-10-11	2021-10-09	shipped
1,012	553	1	53,000	703	1,012	2021-10-08	2021-10-11	2021-10-09	shipped
1,013	554	1	12,000	704	1,013	2021-10-08	2021-10-11	2021-10-09	shipped
1,014	555	1	3,000	705	1,014	2021-10-08	2021-10-11	2021-10-09	shipped

comments	customerNumber
	1
	2
	3
	4
	5

5. Membuat table order details dan store datanya.

```
CREATE TABLE order_details_tb(  
  orderNumber int UNIQUE,  
  productCode int UNIQUE,  
  quantityOrdered int,  
  priceEach int,  
  orderLineNumber int,  
  FOREIGN KEY (orderNumber) REFERENCES orders_tb(orderNumber),  
  FOREIGN KEY (productCode) REFERENCES products_tb(productCode),  
);  
  
INSERT INTO order_details_tb(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)  
VALUES ('1010','551','1','32000', '701');  
INSERT INTO order_details_tb(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)  
VALUES ('1011','552','1','3200000', '702');  
INSERT INTO order_details_tb(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)  
VALUES ('1012','553','1','53000', '703');  
INSERT INTO order_details_tb(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)  
VALUES ('1013','554','1','12000', '704');  
INSERT INTO order_details_tb(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)  
VALUES ('1014','555','1','3000', '705');  
  
SELECT * FROM order_details_tb INNER JOIN orders_tb ON  
order_details_tb.orderNumber = orders_tb.orderNumber ;
```

Output:

customerNumber	checkNumber	paymentDate	amount	customerNumber	customerName	contactLastName	contactFirstName	phone	addressL
1	10,001	2021-10-08	32,000	1	Abi	Andria	Abi	089082773647	Jl. A
2	10,002	2021-10-08	3,200,000	2	Alfi	Andrian	Alfi	089082773557	Jl. AB
3	10,003	2021-10-08	53,000	3	Doni	Abisa	Doni	089082883647	Jl. ACD
4	10,004	2021-10-08	12,000	4	Dunu	Mukti	Dunu	089032773647	Jl. AAA
5	10,005	2021-10-08	3,000	5	Anton	Amani	Anton	089083273647	Jl. AA

addressLine1	addressLine2	city	state	postalCode	country	salesRepEmployeeNumber	creditLimit
Jl. A	No. 172	Surabaya	Indonesia	61200	Indonesia	1	10000000
Jl. AB	No. 17	Sidoarjo	Indonesia	61250	Indonesia	2	10000000
Jl. ACD	No. 12	Jakarta	Indonesia	61220	Indonesia	3	30000000
Jl. AAA	No. 7	Bandung	Indonesia	61210	Indonesia	4	10000000
Jl. AA	No. 13	Semarang	Indonesia	61240	Indonesia	5	10000000

6. Membuat table payments dan store datanya.

```
CREATE TABLE payments_tb(  
  customerNumber int UNIQUE,  
  checkNumber int UNIQUE,  
  paymentDate Date,  
  amount int,  
  FOREIGN KEY (customerNumber) REFERENCES customers_tb(customerNumber),  
);
```

```
INSERT INTO payments_tb(customerNumber, checkNumber, paymentDate, amount)
VALUES ('001', '10001', '2021/10/08', '32000');
INSERT INTO payments_tb(customerNumber, checkNumber, paymentDate, amount)
VALUES ('002', '10002', '2021/10/08', '3200000');
INSERT INTO payments_tb(customerNumber, checkNumber, paymentDate, amount)
VALUES ('003', '10003', '2021/10/08', '53000');
INSERT INTO payments_tb(customerNumber, checkNumber, paymentDate, amount)
VALUES ('004', '10004', '2021/10/08', '12000');
INSERT INTO payments_tb(customerNumber, checkNumber, paymentDate, amount)
VALUES ('005', '10005', '2021/10/08', '3000');

SELECT * FROM payments_tb INNER JOIN customers_tb ON payments_tb.customerNumber =
customers_tb.customerNumber ;
```

Output:

employeeNumber	lastName	firstName	extension	email	officeCode	reportsTo	jobTitle	officeCode	city	phone	addressLin
1	Andria	Bagas	111	bagas@gmail.com	150	0	CS	150	Surabaya	0219090920	Jl. A
2	Andrian	Agas	112	agas@gmail.com	160	0	CS	160	Sidoarjo	0219090921	Jl. B
3	Alinski	Sari	113	sari@gmail.com	170	0	CS	170	Jakarta	0219090922	Jl. C
4	Utomo	Bambang	114	bambang@gmail.com	180	0	CS	180	Bandung	0219090923	Jl. D
5	Sastro	Ani	115	ani@gmail.com	190	0	CS	190	Semarang	0219090924	Jl. E

addressLine1	addressLine2	state	country	postalCode	territory
Jl. A	No. 50	Indonesia	Indonesia	01019	Indonesia
Jl. B	No. 51	Indonesia	Indonesia	01029	Indonesia
Jl. C	No. 60	Indonesia	Indonesia	01039	Indonesia
Jl. D	No. 100	Indonesia	Indonesia	01119	Indonesia
Jl. E	No. 80	Indonesia	Indonesia	01419	Indonesia

7. Membuat table employees dan store datanya.

```
CREATE TABLE employees_tb(
    employeeNumber int PRIMARY KEY,
    lastName varchar(10),
    firstName varchar(10),
    extension int,
    email varchar(255),
    officeCode int,
    reportsTo int,
    jobTitle varchar(50),
    FOREIGN KEY (officeCode) REFERENCES offices_tb(officeCode),
);

INSERT INTO employees_tb(employeeNumber, lastName, firstName, extension, email,
officeCode, reportsTo, jobTitle)
VALUES ('01', 'Andria', 'Bagas', '111', 'bagas@gmail.com', '150', '', 'CS');
INSERT INTO employees_tb(employeeNumber, lastName, firstName, extension, email,
officeCode, reportsTo, jobTitle)
VALUES ('02', 'Andrian', 'Agas', '112', 'agas@gmail.com', '160', '', 'CS');
INSERT INTO employees_tb(employeeNumber, lastName, firstName, extension, email,
officeCode, reportsTo, jobTitle)
VALUES ('03', 'Alinski', 'Sari', '113', 'sari@gmail.com', '170', '', 'CS');
INSERT INTO employees_tb(employeeNumber, lastName, firstName, extension, email,
officeCode, reportsTo, jobTitle)
VALUES ('04', 'Utomo', 'Bambang', '114', 'bambang@gmail.com', '180', '', 'CS');
INSERT INTO employees_tb(employeeNumber, lastName, firstName, extension, email,
officeCode, reportsTo, jobTitle)
VALUES ('05', 'Sastro', 'Ani', '115', 'ani@gmail.com', '190', '', 'CS');

SELECT * FROM employees_tb INNER JOIN offices_tb ON employees_tb.officeCode =
offices_tb.officeCode ;
```

Output:

officeCode	city	phone	addressLine1	addressLine2	state	country	postalCode	territory
150	Surabaya	0219090920	Jl. A	No. 50	Indonesia	Indonesia	01019	Indonesia
160	Sidoarjo	0219090921	Jl. B	No. 51	Indonesia	Indonesia	01029	Indonesia
170	Jakarta	0219090922	Jl. C	No. 60	Indonesia	Indonesia	01039	Indonesia
180	Bandung	0219090923	Jl. D	No. 100	Indonesia	Indonesia	01119	Indonesia
190	Semarang	0219090924	Jl. E	No. 80	Indonesia	Indonesia	01419	Indonesia

8. Membuat table offices dan store datanya.

```
CREATE TABLE offices_tb(  
    officeCode int PRIMARY KEY,  
    city varchar(10),  
    phone varchar(12),  
    addressLine1 varchar(20),  
    addressLine2 varchar(20),  
    state varchar(10),  
    country varchar(10),  
    postalCode varchar(5),  
    territory varchar(10),  
);  
  
INSERT INTO offices_tb(officeCode, city, phone, addressLine1, addressLine2, state,  
country, postalCode, territory)  
VALUES ('150', 'Surabaya', '0219090920', 'Jl. A', 'No. 50', 'Indonesia',  
'Indonesia', '01019', 'Indonesia');  
INSERT INTO offices_tb(officeCode, city, phone, addressLine1, addressLine2, state,  
country, postalCode, territory)  
VALUES ('160', 'Sidoarjo', '0219090921', 'Jl. B', 'No. 51', 'Indonesia',  
'Indonesia', '01029', 'Indonesia');  
INSERT INTO offices_tb(officeCode, city, phone, addressLine1, addressLine2, state,  
country, postalCode, territory)  
VALUES ('170', 'Jakarta', '0219090922', 'Jl. C', 'No. 60', 'Indonesia',  
'Indonesia', '01039', 'Indonesia');  
INSERT INTO offices_tb(officeCode, city, phone, addressLine1, addressLine2, state,  
country, postalCode, territory)  
VALUES ('180', 'Bandung', '0219090923', 'Jl. D', 'No. 100', 'Indonesia',  
'Indonesia', '01119', 'Indonesia');  
INSERT INTO offices_tb(officeCode, city, phone, addressLine1, addressLine2, state,  
country, postalCode, territory)  
VALUES ('190', 'Semarang', '0219090924', 'Jl. E', 'No. 80', 'Indonesia',  
'Indonesia', '01419', 'Indonesia');  
  
SELECT * FROM offices_tb;
```

