1. Query Create Tabel Customers

```
CREATE TABLE tb_customers(
        customerNumber int IDENTITY(1,1) PRIMARY KEY,
        customerName varchar(255),
        contactLastName varchar(255),
        contactFirstName varchar(255),
        phone int,
        addressLine1 varchar(255),
        addressLine2 varchar(255),
        city varchar(255),
        state varchar(255),
        postalCode int,
        country varchar(255),
        salesRepEmployeeNumber int,
        creditLimit int,
        FOREIGN KEY(salesRepEmployeeNumber) REFERENCES tb_employees(employeeNumber)
);
```

Query Insert Record (Store) Ke Tabel Customers

```
INSERT INTO tb_customers
(customerName, contactLastName, contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,
country, salesRepEmployeeNumber, creditLimit)
VALUES('Toni', 'Sartoni', 'Toni', 123456, 'Jl. MH Thamrin', 'No. 123', 'Jakarta', 'Indonesia', 78901, 'Indonesia', 3,
500000000);

INSERT INTO tb_customers
(customerName, contactLastName, contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,
country, salesRepEmployeeNumber, creditLimit)
VALUES('Toto', 'Sunyoto', 'Toto', 78901, 'Jl. Buah Batu', 'No. 432', 'Bandung', 'Indonesia', 98765, 'Indonesia', 7,
500000000);

INSERT INTO tb_customers
(customerName, contactLastName, contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,
country, salesRepEmployeeNumber, creditLimit)
VALUES('Dafa', 'Aldafa', 'Dafa', 89012, 'Jl. Mataram', 'No. 654', 'Semarang', 'Indonesia', 76543, 'Indonesia', 5,
500000000);

INSERT INTO tb_customers
(customerName, contactLastName, contactFirstName, phone, addressLine1, addressLine2, city, state, postalCode,
country, salesRepEmployeeNumber, creditLimit)
VALUES('Doni', 'Sardoni', 'Doni', 90123, 'Jl. Tunjungan', 'No. 987', 'Surabaya', 'Indonesia', 43210, 'Indonesia', 11,
500000000);
```

Hasil Tabel Customers Beserta Recordnya

| customerNumber | customerName | contactLastName | contactFirstName | phone | addressLine1 | addressLine2 | city | state | postalCode | country | salesRepEmployeeNumber | creditLimit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Toni | Sartoni | Toni | 123,456 | Jl. MH Thamrin | No. 123 | Jakarta | Indonesia | 78,901 | Indonesia | 3 | 500,000,000 |
| 2 | Toto | Sunyoto | Toto | 78,901 | Jl. Buah Batu | No. 432 | Bandung | Indonesia | 98,765 | Indonesia | 7 | 500,000,000 |
| 3 | Dafa | Aldafa | Dafa | 89,012 | Jl. Mataram | No. 654 | Semarang | Indonesia | 76,543 | Indonesia | 5 | 500,000,000 |
| 4 | Doni | Sardoni | Doni | 90,123 | Jl. Tunjungan | No. 987 | Surabaya | Indonesia | 43,210 | Indonesia | 11 | 500,000,000 |

2. Query Create Tabel Products

```sql
CREATE TABLE tb_products(
    productCode int IDENTITY(1,1) PRIMARY KEY,
    productName varchar(255),
    productLine int,
    productScale varchar(255),
    productVendor varchar(255),
    productDescription varchar(255),
    quantityInStock int,
    buyPrice int,
    MSRP int,
    FOREIGN KEY (productLine) REFERENCES tb_productlines(productLine)
);
```

Query Insert Record (Store) Ke Tabel Products

```sql
INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('Vario 125', 1, 'Global', 'Honda', 'Honda Vario 125 cc Baru', 100, 18000000, 20000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('Vario 150', 1, 'Global', 'Honda', 'Honda Vario 150 cc Baru', 80, 20000000, 22000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('CBR 250RR', 2, 'Global', 'Honda', 'Honda CBR 250 cc Baru', 10, 40000000, 50000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('Revo', 2, 'Global', 'Honda', 'Honda Revo 110 cc Baru', 100, 8000000, 10000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('HRV', 3, 'Global', 'Honda', 'Honda HRV Baru', 35, 200000000, 250000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('Xenia', 4, 'Global', 'Honda', 'Honda Xenia Baru', 100, 150000000, 175000000);

INSERT INTO tb_products
(productName, productLine, productScale, productVendor, productDescription, quantityInStock, buyPrice, MSRP)
VALUES('Polygon', 5, 'Global', 'Polygon', 'Sepeda Polygon Baru', 200, 1000000, 1500000);
```

Hasil Tabel Products Beserta Recordnya

| | productCode | productName | productLine | productScale | productVendor | productDescription | quantityInStock | buyPrice | MSRP |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Vario 125 | 1 | Global | Honda | Honda Vario 125 cc Baru | 100 | 18,000,000 | 20,000,000 |
| 2 | 2 | Vario 150 | 1 | Global | Honda | Honda Vario 150 cc Baru | 80 | 20,000,000 | 22,000,000 |
| 3 | 3 | CBR 250RR | 2 | Global | Honda | Honda CBR 250 cc Baru | 10 | 40,000,000 | 50,000,000 |
| 4 | 4 | Revo | 2 | Global | Honda | Honda Revo 110 cc Baru | 100 | 8,000,000 | 10,000,000 |
| 5 | 5 | HRV | 3 | Global | Honda | Honda HRV Baru | 35 | 200,000,000 | 250,000,000 |
| 6 | 6 | Xenia | 4 | Global | Honda | Honda Xenia Baru | 100 | 150,000,000 | 175,000,000 |
| 7 | 7 | Polygon | 5 | Global | Polygon | Sepeda Polygon Baru | 200 | 1,000,000 | 1,500,000 |

3. Query Create Tabel Product Lines

```
CREATE TABLE tb_productlines(
     productLine int IDENTITY(1,1) PRIMARY KEY,
     textDescription varchar(255),
     htmlDescription varchar(255),
     imageDir varchar(255)
);
```

Query Insert Record (Store) Ke Tabel Product Lines

```
INSERT INTO tb_productlines
(textDescription, htmlDescription, imageDir)
VALUES('Motor Matic', '<html>Motor Matic</html>', 'img/motormatic.jpg');

INSERT INTO tb_productlines
(textDescription, htmlDescription, imageDir)
VALUES('Motor Manual', '<html>Motor Manual</html>', 'img/motormanual.jpg');

INSERT INTO tb_productlines
(textDescription, htmlDescription, imageDir)
VALUES('Mobil Matic', '<html>Mobil Matic</html>', 'img/mobilmatic.jpg');

INSERT INTO tb_productlines
(textDescription, htmlDescription, imageDir)
VALUES('Mobil Manual', '<html>Mobil Manual</html>', 'img/mobilmanual.jpg');

INSERT INTO tb_productlines
(textDescription, htmlDescription, imageDir)
VALUES('Sepeda', '<html>Sepeda</html>', 'img/sepeda.jpg');
```

Hasil Tabel Product Lines Beserta Recordnya

| | productLine | textDescription | htmlDescription | imageDir |
|---|---|---|---|---|
| 1 | 1 | Motor Matic | <html>Motor Matic</html> | img/motormatic.jpg |
| 2 | 2 | Motor Manual | <html>Motor Manual</html> | img/motormanual.jpg |
| 3 | 3 | Mobil Matic | <html>Mobil Matic</html> | img/mobilmatic.jpg |
| 4 | 4 | Mobil Manual | <html>Mobil Manual</html> | img/mobilmanual.jpg |
| 5 | 5 | Sepeda | <html>Sepeda</html> | img/sepeda.jpg |

4. Query Create Tabel Orders

```
CREATE TABLE tb_orders(
     orderNumber int IDENTITY(1,1) PRIMARY KEY,
     orderDate date,
     requiredDate date,
     shippedDate date,
     status varchar(10),
     comments varchar(255),
     customerNumber int
     FOREIGN KEY (customerNumber) REFERENCES tb_customers(customerNumber)
);
```

Query Insert Record (Store) Ke Tabel Orders

```
INSERT INTO tb_orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber)
VALUES('2021-10-01', '2021-10-01', '2021-10-03', 'Lunas', 'Menunggu shipping', 1);
```

INSERT INTO tb_orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber)
VALUES('2021-10-02', '2021-10-02', '2021-10-04', 'Lunas', 'Menunggu shipping', 2);

INSERT INTO tb_orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber)
VALUES('2021-10-03', '2021-10-03', '2021-10-05', 'Lunas', 'Menunggu shipping', 3);

INSERT INTO tb_orders
(orderDate, requiredDate, shippedDate, status, comments, customerNumber)
VALUES('2021-10-04', '2021-10-04', '2021-10-06', 'Lunas', 'Menunggu shipping', 4);

Hasil Tabel Orders Beserta Recordnya

| | orderNumber | orderDate | requiredDate | shippedDate | status | comments | customerNumber |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 2021-10-01 | 2021-10-01 | 2021-10-03 | Lunas | Menunggu shipping | 1 |
| 2 | 2 | 2021-10-02 | 2021-10-02 | 2021-10-04 | Lunas | Menunggu shipping | 2 |
| 3 | 3 | 2021-10-03 | 2021-10-03 | 2021-10-05 | Lunas | Menunggu shipping | 3 |
| 4 | 4 | 2021-10-04 | 2021-10-04 | 2021-10-06 | Lunas | Menunggu shipping | 4 |

5. Query Create Tabel Order Details
CREATE TABLE tb_orderdetails(
    orderNumber int,
    productCode int,
    quantityOrdered int,
    priceEach int,
    orderLineNumber int,
    FOREIGN KEY (orderNumber) REFERENCES tb_orders(orderNumber),
    FOREIGN KEY (productCode) REFERENCES tb_products(productCode)
);

Query Insert Record (Store) Ke Tabel Order Details
INSERT INTO tb_orderdetails
(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)
VALUES(1, 3, 1, 50000000, 1);

INSERT INTO tb_orderdetails
(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)
VALUES(2, 5, 1, 250000000, 2);

INSERT INTO tb_orderdetails
(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)
VALUES(3, 6, 1, 175000000, 3);

INSERT INTO tb_orderdetails
(orderNumber, productCode, quantityOrdered, priceEach, orderLineNumber)
VALUES(4, 2, 1, 22000000, 4);

Hasil Tabel Order Details Beserta Recordnya

| | orderNumber | productCode | quantityOrdered | priceEach | orderLineNumber |
|---|---|---|---|---|---|
| 1 | 1 | 3 | 1 | 50,000,000 | 1 |
| 2 | 2 | 5 | 1 | 250,000,000 | 2 |
| 3 | 3 | 6 | 1 | 175,000,000 | 3 |
| 4 | 4 | 2 | 1 | 22,000,000 | 4 |

6. Query Create Tabel Payments
```
CREATE TABLE tb_payments(
     customerNumber int,
     checkNumber int IDENTITY(1,1) PRIMARY KEY,
     paymentDate date,
     amount int,
     FOREIGN KEY (customerNumber) REFERENCES tb_customers(customerNumber)
);
```

Query Insert Record (Store) Ke Tabel Payments
```
INSERT INTO tb_payments
(customerNumber, paymentDate, amount)
VALUES(1, '2021-10-01', 50000000);
```

```
INSERT INTO tb_payments
(customerNumber, paymentDate, amount)
VALUES(2, '2021-10-02', 250000000);
```

```
INSERT INTO tb_payments
(customerNumber, paymentDate, amount)
VALUES(3, '2021-10-03', 175000000);
```

```
INSERT INTO tb_payments
(customerNumber, paymentDate, amount)
VALUES(4, '2021-10-04', 22000000);
```

Hasil Tabel Payments Beserta Recordnya

| | customerNumber | checkNumber | paymentDate | amount |
|---|---|---|---|---|
| 1 | 1 | 1 | 2021-10-01 | 50,000,000 |
| 2 | 2 | 2 | 2021-10-02 | 250,000,000 |
| 3 | 3 | 3 | 2021-10-03 | 175,000,000 |
| 4 | 4 | 4 | 2021-10-04 | 22,000,000 |

7. Query Create Tabel Employees
```
CREATE TABLE tb_employees(
     employeeNumber int IDENTITY(1,1) PRIMARY KEY,
     lastName varchar(255),
     firstName varchar(255),
     extension int,
     email varchar(255),
     officeCode int,
     reportsTo int,
     jobTitle varchar(255),
     FOREIGN KEY (officeCode) REFERENCES tb_offices(officeCode),
     FOREIGN KEY (reportsTo) REFERENCES tb_employees(employeeNumber)
);
```

Query Insert Record (Store) Ke Tabel Employees
```
INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, jobTitle)
VALUES('Subejo', 'Bejo', 123, 'bejosubejo@bejocorp.com', 3, 'General Manager');
```

```
INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sarimin', 'Mimin', 234, 'miminsarimin@bejocorp.com', 3, 1, 'IT Manager');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Suparman', 'Maman', 345, 'mamansuparman@bejocorp.com', 3, 1, 'Sales');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Santoso', 'Momon', 456, 'momonsantoso@bejocorp.com', 1, 1, 'Sales Head');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sariyem', 'Iyem', 567, 'iyemsariyem@bejocorp.com', 1, 4, 'Sales');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sutedjo', 'Tedjo', 678, 'tedjosutedjo@bejocorp.com', 2, 1, 'Sales Head');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sumantri', 'Sari', 789, 'sarisumantri@bejocorp.com', 2, 6, 'Sales');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sujoko', 'Joko', 890, 'jokosujoko@bejocorp.com', 4, 1, 'Sales Head');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Suhendro', 'Indro', 901, 'indrosuhendro@bejocorp.com', 4, 8, 'Sales');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sartono', 'Tono', 321, 'tonosartono@bejocorp.com', 5, 1, 'Sales Head');

INSERT INTO tb_employees
(lastName, firstName, extension, email, officeCode, reportsTo, jobTitle)
VALUES('Sarjono', 'Joni', 432, 'jonisarjono@bejocorp.com', 5, 10, 'Sales');
```

Hasil Tabel Employees Beserta Recordnya

| employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle |
|---|---|---|---|---|---|---|---|
| 1 | Subejo | Bejo | 123 | bejosubejo@bejocorp.com | 3 | [NULL] | General Manager |
| 2 | Sarimin | Mimin | 234 | miminsarimin@bejocorp.com | 3 | 1 | IT Manager |
| 3 | Suparman | Maman | 345 | mamansuparman@bejocorp.com | 3 | 1 | Sales |
| 4 | Santoso | Momon | 456 | momonsantoso@bejocorp.com | 1 | 1 | Sales Head |
| 5 | Sariyem | Iyem | 567 | iyemsariyem@bejocorp.com | 1 | 4 | Sales |
| 6 | Sutedjo | Tedjo | 678 | tedjosutedjo@bejocorp.com | 2 | 1 | Sales Head |
| 7 | Sumantri | Sari | 789 | sarisumantri@bejocorp.com | 2 | 6 | Sales |
| 8 | Sujoko | Joko | 890 | jokosujoko@bejocorp.com | 4 | 1 | Sales Head |
| 9 | Suhendro | Indro | 901 | indrosuhendro@bejocorp.com | 4 | 8 | Sales |
| 10 | Sartono | Tono | 321 | tonosartono@bejocorp.com | 5 | 1 | Sales Head |
| 11 | Sarjono | Joni | 432 | jonisarjono@bejocorp.com | 5 | 10 | Sales |

8. Query Create Tabel Offices

```sql
CREATE TABLE tb_offices(
    officeCode int IDENTITY(1,1) PRIMARY KEY,
    city varchar(255),
    phone int,
    addressLine1 varchar(255),
    addressLine2 varchar(255),
    state varchar(255),
    country varchar(255),
    postalCode int,
    territory varchar(255),
);
```

Query Insert Record (Store) Ke Tabel Offices

```sql
INSERT INTO tb_offices
(city, phone, addressLine1, addressLine2, state, country, postalCode, territory)
VALUES('Semarang', 858585, 'Jl. Katamso', 'No. 123', 'Indonesia', 'Indonesia', 12345, 'Jawa Tengah');

INSERT INTO tb_offices
(city, phone, addressLine1, addressLine2, state, country, postalCode, territory)
VALUES('Bandung', 757575, 'Jl. Asia Afrika', 'No. 456', 'Indonesia', 'Indonesia', 23456, 'Jawa Barat');

INSERT INTO tb_offices
(city, phone, addressLine1, addressLine2, state, country, postalCode, territory)
VALUES('Jakarta', 656565, 'Jl. Prof Dr Satrio', 'No. 789', 'Indonesia', 'Indonesia', 34567, 'DKI Jakarta');

INSERT INTO tb_offices
(city, phone, addressLine1, addressLine2, state, country, postalCode, territory)
VALUES('Jakarta', 545454, 'Jl. Jatinegara', 'No. 234', 'Indonesia', 'Indonesia', 45678, 'DKI Jakarta');

INSERT INTO tb_offices
(city, phone, addressLine1, addressLine2, state, country, postalCode, territory)
VALUES('Surabaya', 646464, 'Jl. HR Muhammad', 'No. 36', 'Indonesia', 'Indonesia', 56789, 'Jawa Timur');
```

Hasil Tabel Offices Beserta Recordnya

| officeCode | city | phone | addressLine1 | addressLine2 | state | country | postalCode | territory |
|---|---|---|---|---|---|---|---|---|
| 1 | Semarang | 858,585 | Jl. Katamso | No. 123 | Indonesia | Indonesia | 12,345 | Jawa Tengah |
| 2 | Bandung | 757,575 | Jl. Asia Afrika | No. 456 | Indonesia | Indonesia | 23,456 | Jawa Barat |
| 3 | Jakarta | 656,565 | Jl. Prof Dr Satrio | No. 789 | Indonesia | Indonesia | 34,567 | DKI Jakarta |
| 4 | Jakarta | 545,454 | Jl. Jatinegara | No. 234 | Indonesia | Indonesia | 45,678 | DKI Jakarta |
| 5 | Surabaya | 646,464 | Jl. HR Muhammad | No. 36 | Indonesia | Indonesia | 56,789 | Jawa Timur |

Join Tabel

- Join Tabel Products & Product Lines

  Query Join

  ```sql
  SELECT tp.*, tp2.textDescription, tp2.htmlDescription, tp2.imageDir FROM tb_products tp join tb_productlines tp2 on tp.productLine = tp2.productLine;
  ```

  Hasil Join Products & Product Lines

| productCode | productName | productLine | productScale | productVendor | productDescription | quantityInStock | buyPrice | MSRP |
|---|---|---|---|---|---|---|---|---|
| 1 | Vario 125 | 1 | Global | Honda | Honda Vario 125 cc Baru | 100 | 18,000,000 | 20,000,0 |
| 2 | Vario 150 | 1 | Global | Honda | Honda Vario 150 cc Baru | 80 | 20,000,000 | 22,000,0 |
| 3 | CBR 250RR | 2 | Global | Honda | Honda CBR 250 cc Baru | 10 | 40,000,000 | 50,000,0 |
| 4 | Revo | 2 | Global | Honda | Honda Revo 110 cc Baru | 100 | 8,000,000 | 10,000,0 |
| 5 | HRV | 3 | Global | Honda | Honda HRV Baru | 35 | 200,000,000 | 250,000,0 |
| 6 | Xenia | 4 | Global | Honda | Honda Xenia Baru | 100 | 150,000,000 | 175,000,0 |
| 7 | Polygon | 5 | Global | Polygon | Sepeda Polygon Baru | 200 | 1,000,000 | 1,500,0 |

Hasil Join Products & Product Lines (Lanjutan)

| | productVendor | productDescription | quantityInStock | buyPrice | MSRP | textDescription | htmlDescription | imageDir |
|---|---|---|---|---|---|---|---|---|
| 1 | Honda | Honda Vario 125 cc Baru | 100 | 18,000,000 | 20,000,000 | Motor Matic | <html>Motor Matic</html> | img/motormatic.jpg |
| 2 | Honda | Honda Vario 150 cc Baru | 80 | 20,000,000 | 22,000,000 | Motor Matic | <html>Motor Matic</html> | img/motormatic.jpg |
| 3 | Honda | Honda CBR 250 cc Baru | 10 | 40,000,000 | 50,000,000 | Motor Manual | <html>Motor Manual</html> | img/motormanual.jpg |
| 4 | Honda | Honda Revo 110 cc Baru | 100 | 8,000,000 | 10,000,000 | Motor Manual | <html>Motor Manual</html> | img/motormanual.jpg |
| 5 | Honda | Honda HRV Baru | 35 | 200,000,000 | 250,000,000 | Mobil Matic | <html>Mobil Matic</html> | img/mobilmatic.jpg |
| 6 | Honda | Honda Xenia Baru | 100 | 150,000,000 | 175,000,000 | Mobil Manual | <html>Mobil Manual</html> | img/mobilmanual.jpg |
| 7 | Polygon | Sepeda Polygon Baru | 200 | 1,000,000 | 1,500,000 | Sepeda | <html>Sepeda</html> | img/sepeda.jpg |

- Join Tabel Employees & Offices

  Query Join

  SELECT * FROM tb_employees te join tb_offices to2 on te.officeCode = to2.officeCode;

Hasil Join Employees & Offices

| | employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle | officeCode |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Subejo | Bejo | 123 | bejosubejo@bejocorp.com | 3 | [NULL] | General Manager | |
| 2 | 2 | Sarimin | Mimin | 234 | miminsarimin@bejocorp.com | 3 | 1 | IT Manager | |
| 3 | 3 | Suparman | Maman | 345 | mamansuparman@bejocorp.com | 3 | 1 | Sales | |
| 4 | 4 | Santoso | Momon | 456 | momonsantoso@bejocorp.com | 1 | 1 | Sales Head | |
| 5 | 5 | Sariyem | Iyem | 567 | iyemsariyem@bejocorp.com | 1 | 4 | Sales | |
| 6 | 6 | Sutedjo | Tedjo | 678 | tedjosutedjo@bejocorp.com | 2 | 1 | Sales Head | |
| 7 | 7 | Sumantri | Sari | 789 | sarisumantri@bejocorp.com | 2 | 6 | Sales | |
| 8 | 8 | Sujoko | Joko | 890 | jokosujoko@bejocorp.com | 4 | 1 | Sales Head | |
| 9 | 9 | Suhendro | Indro | 901 | indrosuhendro@bejocorp.com | 4 | 8 | Sales | |
| 10 | 10 | Sartono | Tono | 321 | tonosartono@bejocorp.com | 5 | 1 | Sales Head | |
| 11 | 11 | Sarjono | Joni | 432 | jonisarjono@bejocorp.com | 5 | 10 | Sales | |

Hasil Join Employees & Offices (Lanjutan)

| | reportsTo | jobTitle | officeCode | city | phone | addressLine1 | addressLine2 | state | country | postalCode | territory |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [NULL] | General Manager | 3 | Jakarta | 656,565 | Jl. Prof Dr Satrio | No. 789 | Indonesia | Indonesia | 34,567 | DKI Jakarta |
| 2 | 1 | IT Manager | 3 | Jakarta | 656,565 | Jl. Prof Dr Satrio | No. 789 | Indonesia | Indonesia | 34,567 | DKI Jakarta |
| 3 | 1 | Sales | 3 | Jakarta | 656,565 | Jl. Prof Dr Satrio | No. 789 | Indonesia | Indonesia | 34,567 | DKI Jakarta |
| 4 | 1 | Sales Head | 1 | Semarang | 858,585 | Jl. Katamso | No. 123 | Indonesia | Indonesia | 12,345 | Jawa Tengah |
| 5 | 4 | Sales | 1 | Semarang | 858,585 | Jl. Katamso | No. 123 | Indonesia | Indonesia | 12,345 | Jawa Tengah |
| 6 | 1 | Sales Head | 2 | Bandung | 757,575 | Jl. Asia Afrika | No. 456 | Indonesia | Indonesia | 23,456 | Jawa Barat |
| 7 | 6 | Sales | 2 | Bandung | 757,575 | Jl. Asia Afrika | No. 456 | Indonesia | Indonesia | 23,456 | Jawa Barat |
| 8 | 1 | Sales Head | 4 | Jakarta | 545,454 | Jl. Jatinegara | No. 234 | Indonesia | Indonesia | 45,678 | DKI Jakarta |
| 9 | 8 | Sales | 4 | Jakarta | 545,454 | Jl. Jatinegara | No. 234 | Indonesia | Indonesia | 45,678 | DKI Jakarta |
| 10 | 1 | Sales Head | 5 | Surabaya | 646,464 | Jl. HR Muhammad | No. 36 | Indonesia | Indonesia | 56,789 | Jawa Timur |
| 11 | 10 | Sales | 5 | Surabaya | 646,464 | Jl. HR Muhammad | No. 36 | Indonesia | Indonesia | 56,789 | Jawa Timur |

- Join Tabel Customers & Employees

  Query Join

  SELECT * FROM tb_customers tc join tb_employees te on tc.salesRepEmployeeNumber = te.employeeNumber;

Hasil Join Customers & Employees

| | customerNumber | customerName | contactLastName | contactFirstName | phone | addressLine1 | addressLine2 | city | state | p |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Toni | Sartoni | Toni | 123,456 | Jl. MH Thamrin | No. 123 | Jakarta | Indonesia | |
| 2 | 2 | Toto | Sunyoto | Toto | 78,901 | Jl. Buah Batu | No. 432 | Bandung | Indonesia | |
| 3 | 3 | Dafa | Aldafa | Dafa | 89,012 | Jl. Mataram | No. 654 | Semarang | Indonesia | |
| 4 | 4 | Doni | Sardoni | Doni | 90,123 | Jl. Tunjungan | No. 987 | Surabaya | Indonesia | |

Hasil Join Customers & Employees (Lanjutan)

| | postalCode | country | salesRepEmployeeNumber | creditLimit | employeeNumber | lastName | firstName | extension | email |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 78,901 | Indonesia | 3 | 500,000,000 | 3 | Suparman | Maman | 345 | mamansuparma |
| 2 | 98,765 | Indonesia | 7 | 500,000,000 | 7 | Sumantri | Sari | 789 | sarisumantri@be |
| 3 | 76,543 | Indonesia | 5 | 500,000,000 | 5 | Sariyem | Iyem | 567 | iyemsariyem@b |
| 4 | 43,210 | Indonesia | 11 | 500,000,000 | 11 | Sarjono | Joni | 432 | jonisarjono@bej |

Hasil Join Customers & Employees (Lanjutan)

| | creditLimit | employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 500,000,000 | 3 | Suparman | Maman | 345 | mamansuparman@bejocorp.com | 3 | 1 | Sales |
| 2 | 500,000,000 | 7 | Sumantri | Sari | 789 | sarisumantri@bejocorp.com | 2 | 6 | Sales |
| 3 | 500,000,000 | 5 | Sariyem | Iyem | 567 | iyemsariyem@bejocorp.com | 1 | 4 | Sales |
| 4 | 500,000,000 | 11 | Sarjono | Joni | 432 | jonisarjono@bejocorp.com | 5 | 10 | Sales |

- Join Tabel Customers & Payments

  Query Join

  SELECT * FROM tb_customers tc join tb_payments tp on tc.customerNumber = tp.customerNumber;

## Hasil Join Customers & Payments

| | customerNumber | customerName | contactLastName | contactFirstName | phone | addressLine1 | addressLine2 | city | state | p |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Toni | Sartoni | Toni | 123,456 | Jl. MH Thamrin | No. 123 | Jakarta | Indonesia | |
| 2 | 2 | Toto | Sunyoto | Toto | 78,901 | Jl. Buah Batu | No. 432 | Bandung | Indonesia | |
| 3 | 3 | Dafa | Aldafa | Dafa | 89,012 | Jl. Mataram | No. 654 | Semarang | Indonesia | |
| 4 | 4 | Doni | Sardoni | Doni | 90,123 | Jl. Tunjungan | No. 987 | Surabaya | Indonesia | |

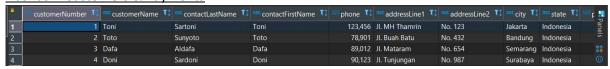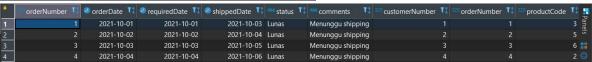## Hasil Join Customers & Payments (Lanjutan)

| | state | postalCode | country | salesRepEmployeeNumber | creditLimit | customerNumber | checkNumber | paymentDate | amount | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Indonesia | 78,901 | Indonesia | 3 | 500,000,000 | 1 | 1 | 2021-10-01 | 50,000,000 | |
| 2 | Indonesia | 98,765 | Indonesia | 7 | 500,000,000 | 2 | 2 | 2021-10-02 | 250,000,000 | |
| 3 | Indonesia | 76,543 | Indonesia | 5 | 500,000,000 | 3 | 3 | 2021-10-03 | 175,000,000 | |
| 4 | Indonesia | 43,210 | Indonesia | 11 | 500,000,000 | 4 | 4 | 2021-10-04 | 22,000,000 | |

- Join Tabel Orders, Order Details, Customers, Products

Query Join

SELECT * FROM tb_orders to2 join tb_orderdetails to3 on to2.orderNumber = to3.orderNumber

join tb_customers tc on to2.customerNumber = tc.customerNumber

join tb_products tp on to3.productCode = tp.productCode;

## Hasil Join Orders, Order Details, Customers, Products

| | orderNumber | orderDate | requiredDate | shippedDate | status | comments | customerNumber | orderNumber | productCode | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 2021-10-01 | 2021-10-01 | 2021-10-03 | Lunas | Menunggu shipping | 1 | 1 | 3 | |
| 2 | 2 | 2021-10-02 | 2021-10-02 | 2021-10-04 | Lunas | Menunggu shipping | 2 | 2 | 5 | |
| 3 | 3 | 2021-10-03 | 2021-10-03 | 2021-10-05 | Lunas | Menunggu shipping | 3 | 3 | 6 | |
| 4 | 4 | 2021-10-04 | 2021-10-04 | 2021-10-06 | Lunas | Menunggu shipping | 4 | 4 | 2 | |

## Hasil Join Orders, Order Details, Customers, Products (Lanjutan)

| | quantityOrdered | priceEach | orderLineNumber | customerNumber | customerName | contactLastName | contactFirstName | phone | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 50,000,000 | 1 | 1 | Toni | Sartoni | Toni | 123,456 | Jl. |
| 2 | 1 | 250,000,000 | 2 | 2 | Toto | Sunyoto | Toto | 78,901 | Jl. |
| 3 | 1 | 175,000,000 | 3 | 3 | Dafa | Aldafa | Dafa | 89,012 | Jl. |
| 4 | 1 | 22,000,000 | 4 | 4 | Doni | Sardoni | Doni | 90,123 | Jl. |

## Hasil Join Orders, Order Details, Customers, Products (Lanjutan)

| | addressLine1 | addressLine2 | city | state | postalCode | country | salesRepEmployeeNumber | creditLimit | productCode | proc |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Jl. MH Thamrin | No. 123 | Jakarta | Indonesia | 78,901 | Indonesia | 3 | 500,000,000 | 3 | CBR 25( |
| 2 | Jl. Buah Batu | No. 432 | Bandung | Indonesia | 98,765 | Indonesia | 7 | 500,000,000 | 5 | HRV |
| 3 | Jl. Mataram | No. 654 | Semarang | Indonesia | 76,543 | Indonesia | 5 | 500,000,000 | 6 | Xenia |
| 4 | Jl. Tunjungan | No. 987 | Surabaya | Indonesia | 43,210 | Indonesia | 11 | 500,000,000 | 2 | Vario 1! |

## Hasil Join Orders, Order Details, Customers, Products (Lanjutan)

| | productCode | productName | productLine | productScale | productVendor | productDescription | quantityInStock | buyPrice | MSRP | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | CBR 250RR | 2 | Global | Honda | Honda CBR 250 cc Baru | 10 | 40,000,000 | 50,000,000 | |
| 2 | 5 | HRV | 3 | Global | Honda | Honda HRV Baru | 35 | 200,000,000 | 250,000,000 | |
| 3 | 6 | Xenia | 4 | Global | Honda | Honda Xenia Baru | 100 | 150,000,000 | 175,000,000 | |
| 4 | 2 | Vario 150 | 1 | Global | Honda | Honda Vario 150 cc Baru | 80 | 20,000,000 | 22,000,000 | |

ERD