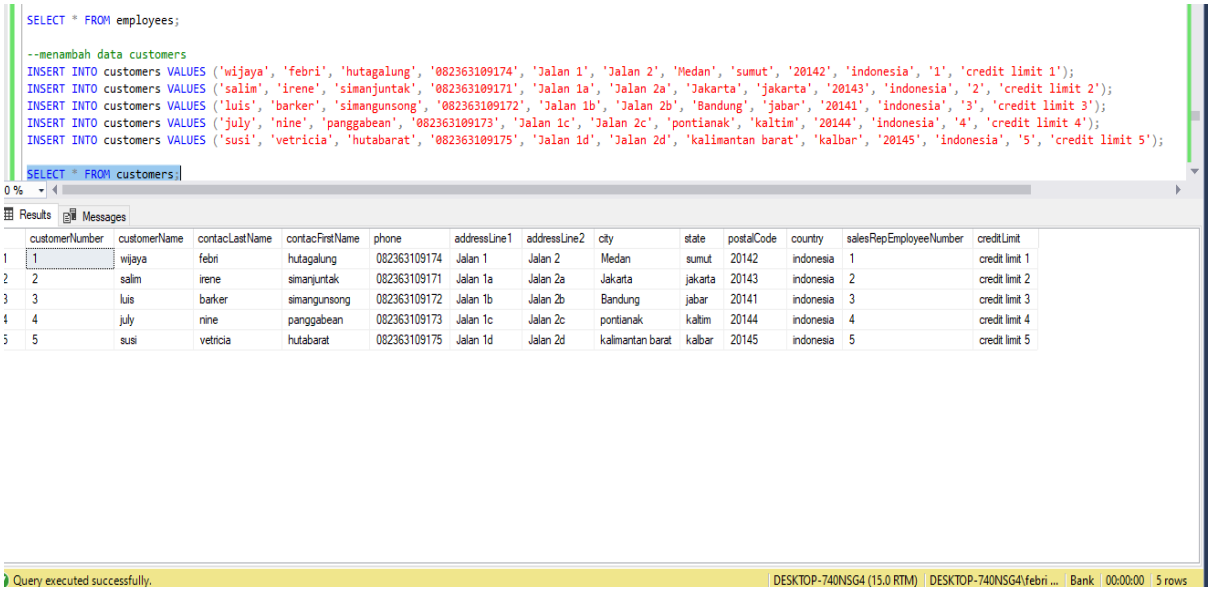
Nama : Febri Wijaya Hutagalung

Nomor Peserta : FSDO001ONL012

Tugas : Assignment 2

Jawaban :

1. Screenshot dan kode program



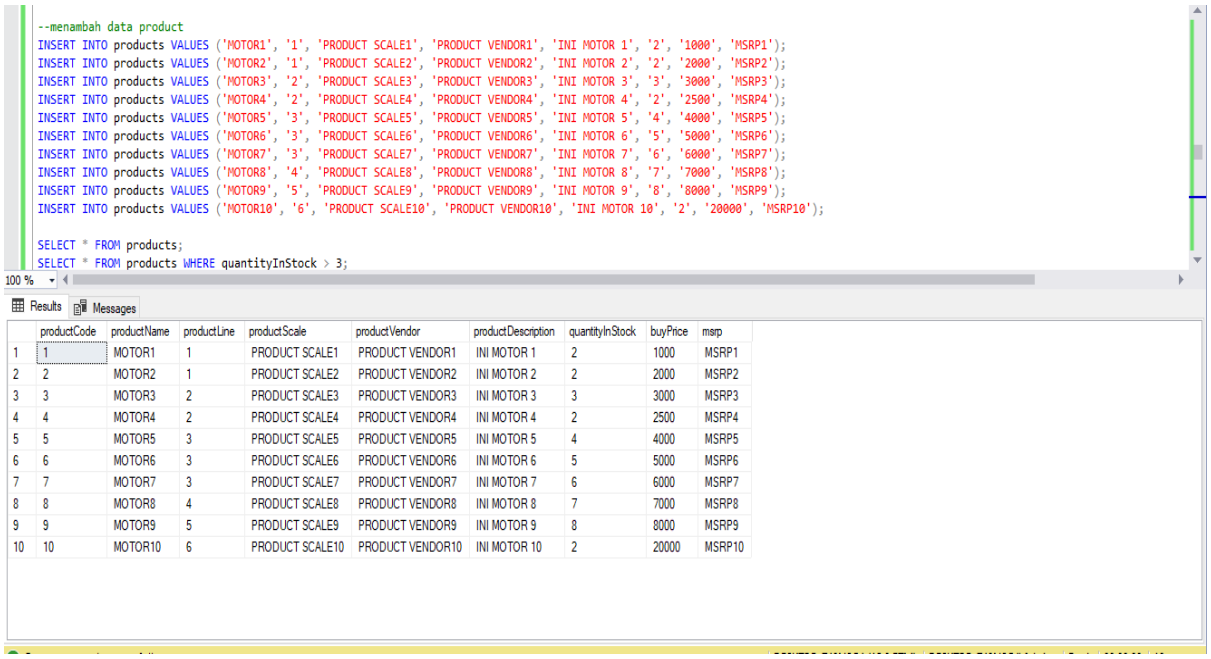
```
SELECT * FROM employees;

--menambah data customers
INSERT INTO customers VALUES ('wijaya', 'febri', 'hutagalung', '082363109174', 'Jalan 1', 'Jalan 2', 'Medan', 'sumut', '20142', 'indonesia', '1', 'credit limit 1');
INSERT INTO customers VALUES ('salim', 'irene', 'simanjuntak', '082363109171', 'Jalan 1a', 'Jalan 2a', 'Jakarta', 'jakarta', '20143', 'indonesia', '2', 'credit limit 2');
INSERT INTO customers VALUES ('luis', 'barker', 'simangunsong', '082363109172', 'Jalan 1b', 'Jalan 2b', 'Bandung', 'jabar', '20141', 'indonesia', '3', 'credit limit 3');
INSERT INTO customers VALUES ('july', 'nine', 'panggabean', '082363109173', 'Jalan 1c', 'Jalan 2c', 'pontianak', 'kaltim', '20144', 'indonesia', '4', 'credit limit 4');
INSERT INTO customers VALUES ('susi', 'vetricia', 'hutabarat', '082363109175', 'Jalan 1d', 'Jalan 2d', 'kalimantan barat', 'kalbar', '20145', 'indonesia', '5', 'credit limit 5');

SELECT * FROM customers;
```

Results Messages

	customerNumber	customerName	contacLastName	contacFirstName	phone	addressLine1	addressLine2	city	state	postalCode	country	salesRepEmployeeNumber	creditLimit
1	1	wijaya	febri	hutagalung	082363109174	Jalan 1	Jalan 2	Medan	sumut	20142	indonesia	1	credit limit 1
2	2	salim	irene	simanjuntak	082363109171	Jalan 1a	Jalan 2a	Jakarta	jakarta	20143	indonesia	2	credit limit 2
3	3	luis	barker	simangunsong	082363109172	Jalan 1b	Jalan 2b	Bandung	jabar	20141	indonesia	3	credit limit 3
4	4	july	nine	panggabean	082363109173	Jalan 1c	Jalan 2c	pontianak	kaltim	20144	indonesia	4	credit limit 4
5	5	susi	vetricia	hutabarat	082363109175	Jalan 1d	Jalan 2d	kalimantan barat	kalbar	20145	indonesia	5	credit limit 5

Query executed successfully. DESKTOP-740NSG4 (15.0 RTM) DESKTOP-740NSG4\febri ... Bank 00:00:00 5 rows

2. Screenshot dan kode program

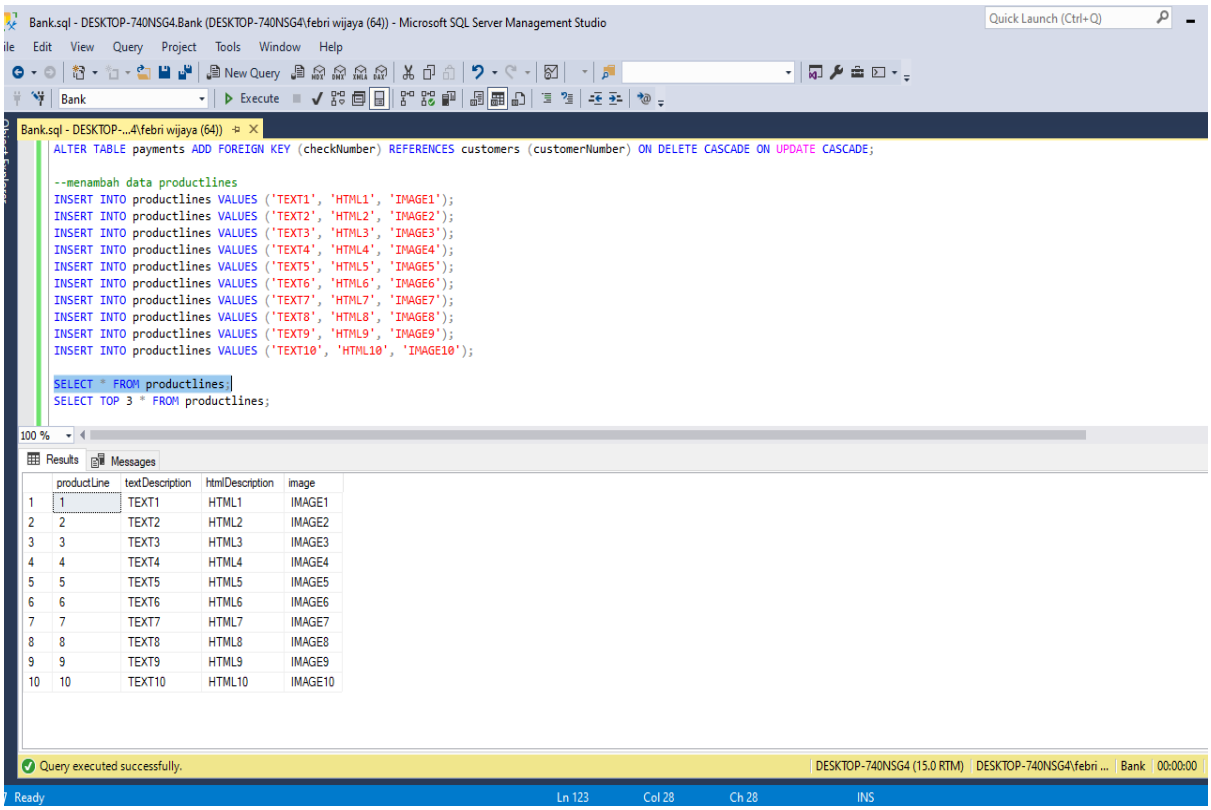


```
--menambah data product
INSERT INTO products VALUES ('MOTOR1', '1', 'PRODUCT SCALE1', 'PRODUCT VENDOR1', 'INI MOTOR 1', '2', '1000', 'MSRP1');
INSERT INTO products VALUES ('MOTOR2', '1', 'PRODUCT SCALE2', 'PRODUCT VENDOR2', 'INI MOTOR 2', '2', '2000', 'MSRP2');
INSERT INTO products VALUES ('MOTOR3', '2', 'PRODUCT SCALE3', 'PRODUCT VENDOR3', 'INI MOTOR 3', '3', '3000', 'MSRP3');
INSERT INTO products VALUES ('MOTOR4', '2', 'PRODUCT SCALE4', 'PRODUCT VENDOR4', 'INI MOTOR 4', '2', '2500', 'MSRP4');
INSERT INTO products VALUES ('MOTOR5', '3', 'PRODUCT SCALE5', 'PRODUCT VENDOR5', 'INI MOTOR 5', '4', '4000', 'MSRP5');
INSERT INTO products VALUES ('MOTOR6', '3', 'PRODUCT SCALE6', 'PRODUCT VENDOR6', 'INI MOTOR 6', '5', '5000', 'MSRP6');
INSERT INTO products VALUES ('MOTOR7', '3', 'PRODUCT SCALE7', 'PRODUCT VENDOR7', 'INI MOTOR 7', '6', '6000', 'MSRP7');
INSERT INTO products VALUES ('MOTOR8', '4', 'PRODUCT SCALE8', 'PRODUCT VENDOR8', 'INI MOTOR 8', '7', '7000', 'MSRP8');
INSERT INTO products VALUES ('MOTOR9', '5', 'PRODUCT SCALE9', 'PRODUCT VENDOR9', 'INI MOTOR 9', '8', '8000', 'MSRP9');
INSERT INTO products VALUES ('MOTOR10', '6', 'PRODUCT SCALE10', 'PRODUCT VENDOR10', 'INI MOTOR 10', '2', '20000', 'MSRP10');

SELECT * FROM products;
SELECT * FROM products WHERE quantityInStock > 3;
```

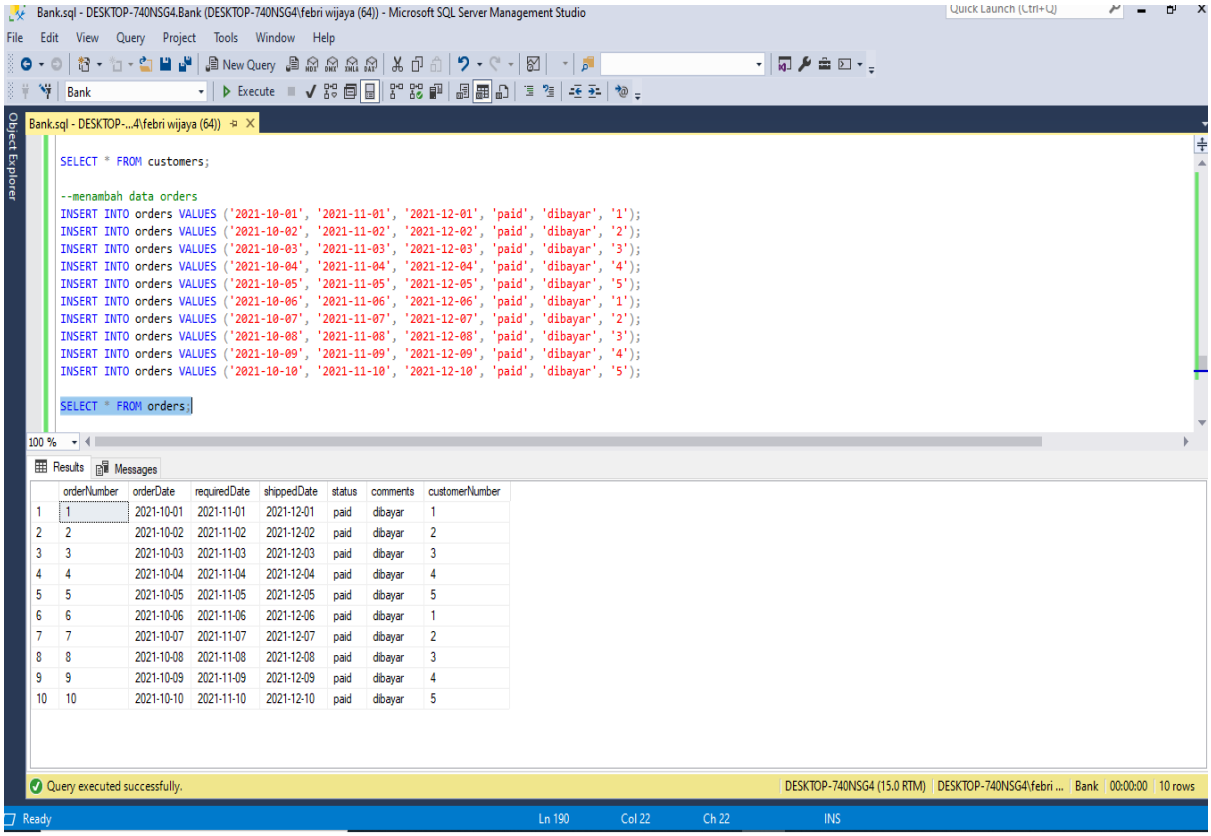
Results Messages

	productCode	productName	productLine	productScale	productVendor	productDescription	quantityInStock	buyPrice	msrp
1	1	MOTOR1	1	PRODUCT SCALE1	PRODUCT VENDOR1	INI MOTOR 1	2	1000	MSRP1
2	2	MOTOR2	1	PRODUCT SCALE2	PRODUCT VENDOR2	INI MOTOR 2	2	2000	MSRP2
3	3	MOTOR3	2	PRODUCT SCALE3	PRODUCT VENDOR3	INI MOTOR 3	3	3000	MSRP3
4	4	MOTOR4	2	PRODUCT SCALE4	PRODUCT VENDOR4	INI MOTOR 4	2	2500	MSRP4
5	5	MOTOR5	3	PRODUCT SCALE5	PRODUCT VENDOR5	INI MOTOR 5	4	4000	MSRP5
6	6	MOTOR6	3	PRODUCT SCALE6	PRODUCT VENDOR6	INI MOTOR 6	5	5000	MSRP6
7	7	MOTOR7	3	PRODUCT SCALE7	PRODUCT VENDOR7	INI MOTOR 7	6	6000	MSRP7
8	8	MOTOR8	4	PRODUCT SCALE8	PRODUCT VENDOR8	INI MOTOR 8	7	7000	MSRP8
9	9	MOTOR9	5	PRODUCT SCALE9	PRODUCT VENDOR9	INI MOTOR 9	8	8000	MSRP9
10	10	MOTOR10	6	PRODUCT SCALE10	PRODUCT VENDOR10	INI MOTOR 10	2	20000	MSRP10

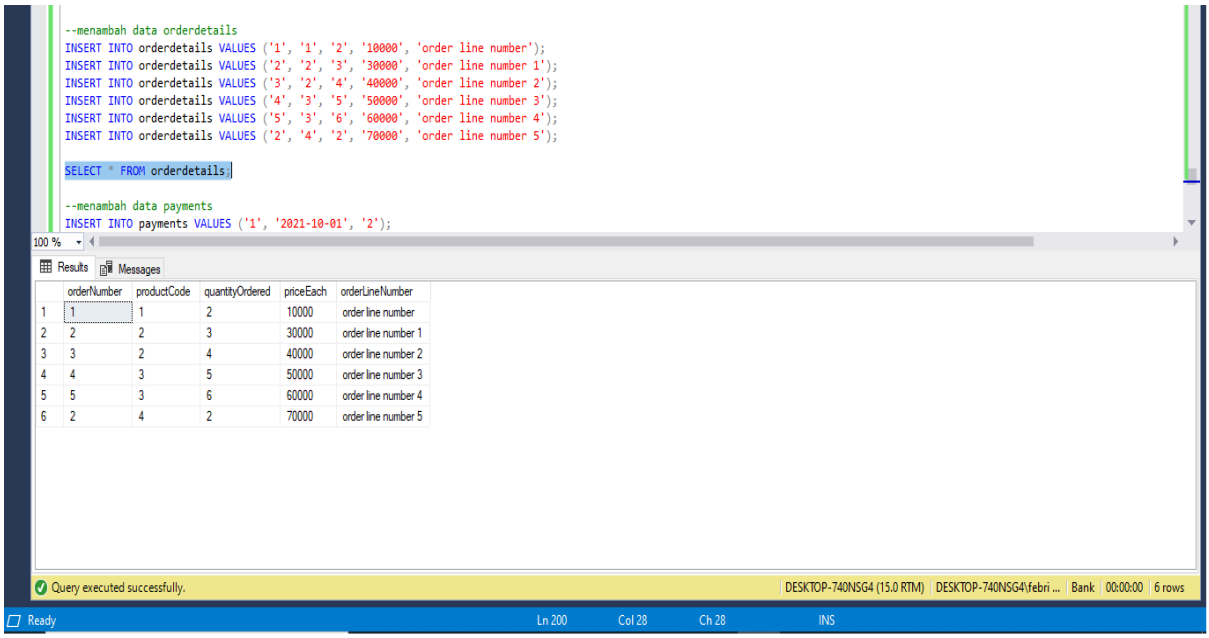
3. Screenshot dan kode program



4. Screenshot dan kode program



5. Screenshot dan kode program



```
--menambah data orderdetails
INSERT INTO orderdetails VALUES ('1', '1', '2', '10000', 'order line number');
INSERT INTO orderdetails VALUES ('2', '2', '3', '30000', 'order line number 1');
INSERT INTO orderdetails VALUES ('3', '2', '4', '40000', 'order line number 2');
INSERT INTO orderdetails VALUES ('4', '3', '5', '50000', 'order line number 3');
INSERT INTO orderdetails VALUES ('5', '3', '6', '60000', 'order line number 4');
INSERT INTO orderdetails VALUES ('2', '4', '2', '70000', 'order line number 5');

SELECT * FROM orderdetails;

--menambah data payments
INSERT INTO payments VALUES ('1', '2021-10-01', '2');
```

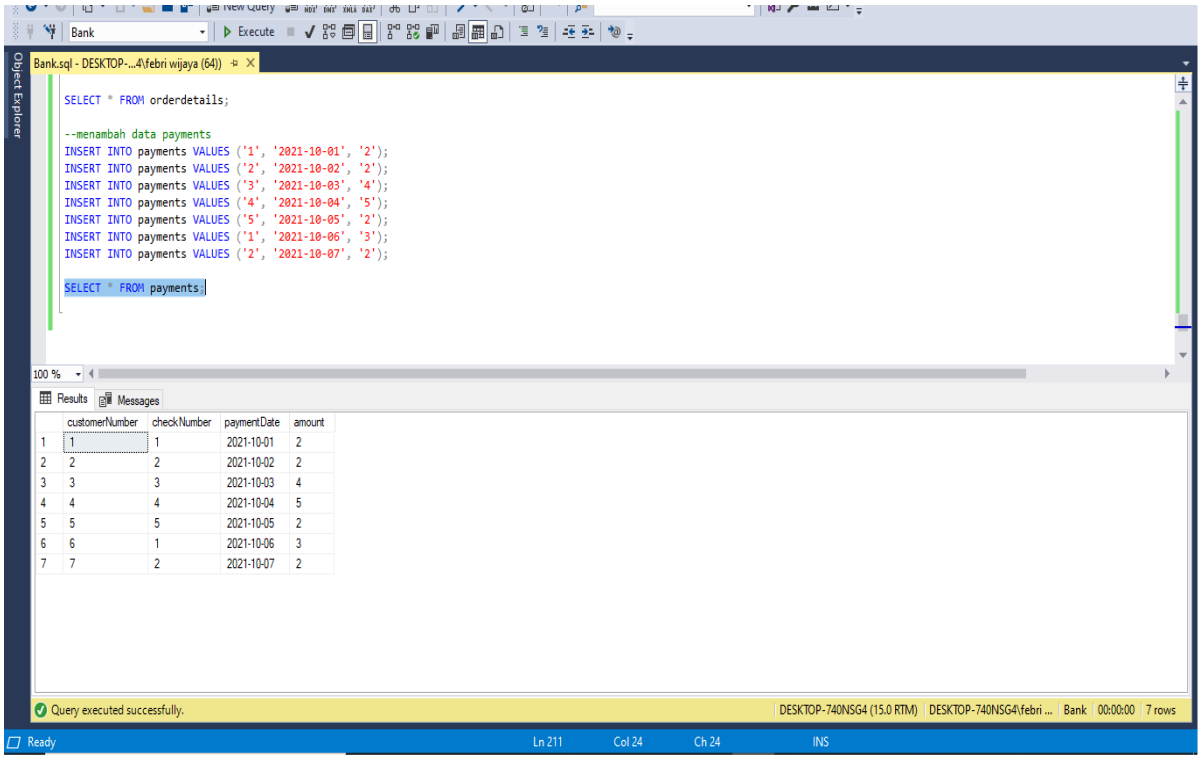
Results | Messages

	orderNumber	productCode	quantityOrdered	priceEach	orderLineNumber
1	1	1	2	10000	order line number
2	2	2	3	30000	order line number 1
3	3	2	4	40000	order line number 2
4	4	3	5	50000	order line number 3
5	5	3	6	60000	order line number 4
6	2	4	2	70000	order line number 5

Query executed successfully. | DESKTOP-740NSG4 (15.0 RTM) | DESKTOP-740NSG4\febri ... | Bank | 00:00:00 | 6 rows

Ready | Ln 200 | Col 28 | Ch 28 | INS

6. Screenshot dan kode program



```
SELECT * FROM orderdetails;

--menambah data payments
INSERT INTO payments VALUES ('1', '2021-10-01', '2');
INSERT INTO payments VALUES ('2', '2021-10-02', '2');
INSERT INTO payments VALUES ('3', '2021-10-03', '4');
INSERT INTO payments VALUES ('4', '2021-10-04', '5');
INSERT INTO payments VALUES ('5', '2021-10-05', '2');
INSERT INTO payments VALUES ('1', '2021-10-06', '3');
INSERT INTO payments VALUES ('2', '2021-10-07', '2');

SELECT * FROM payments;
```

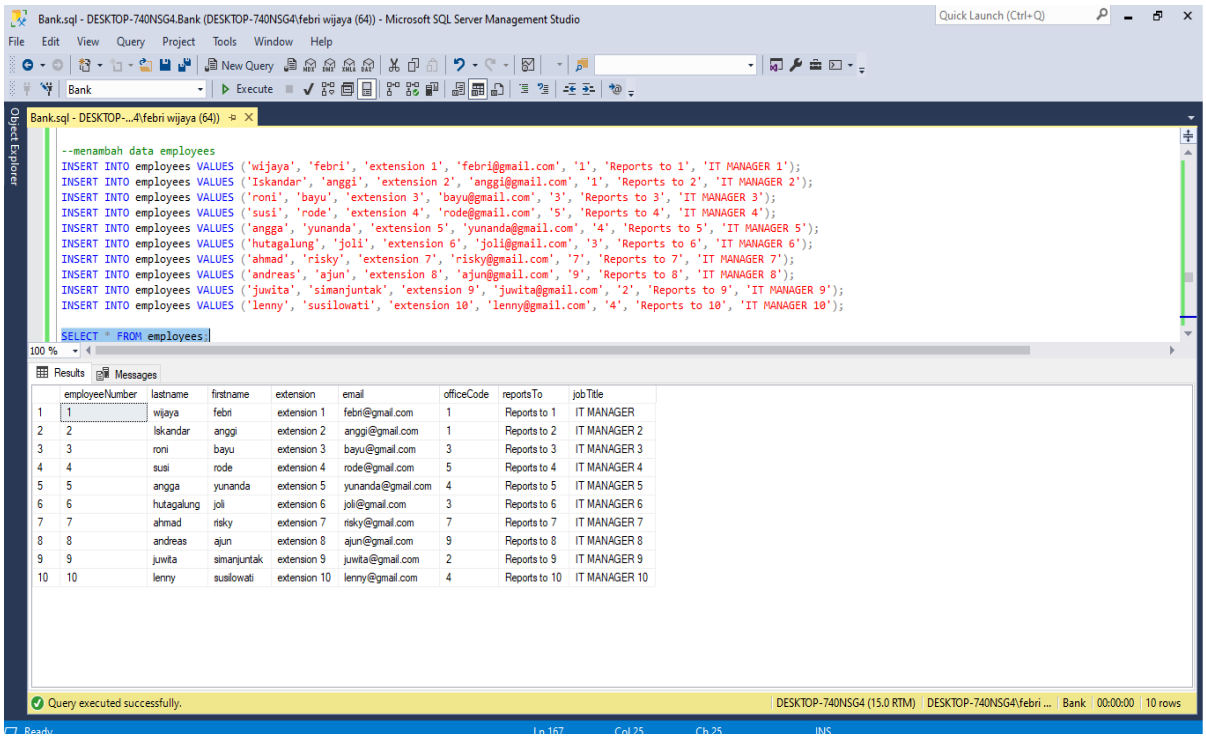
Results | Messages

	customerNumber	checkNumber	paymentDate	amount
1	1	1	2021-10-01	2
2	2	2	2021-10-02	2
3	3	3	2021-10-03	4
4	4	4	2021-10-04	5
5	5	5	2021-10-05	2
6	6	1	2021-10-06	3
7	7	2	2021-10-07	2

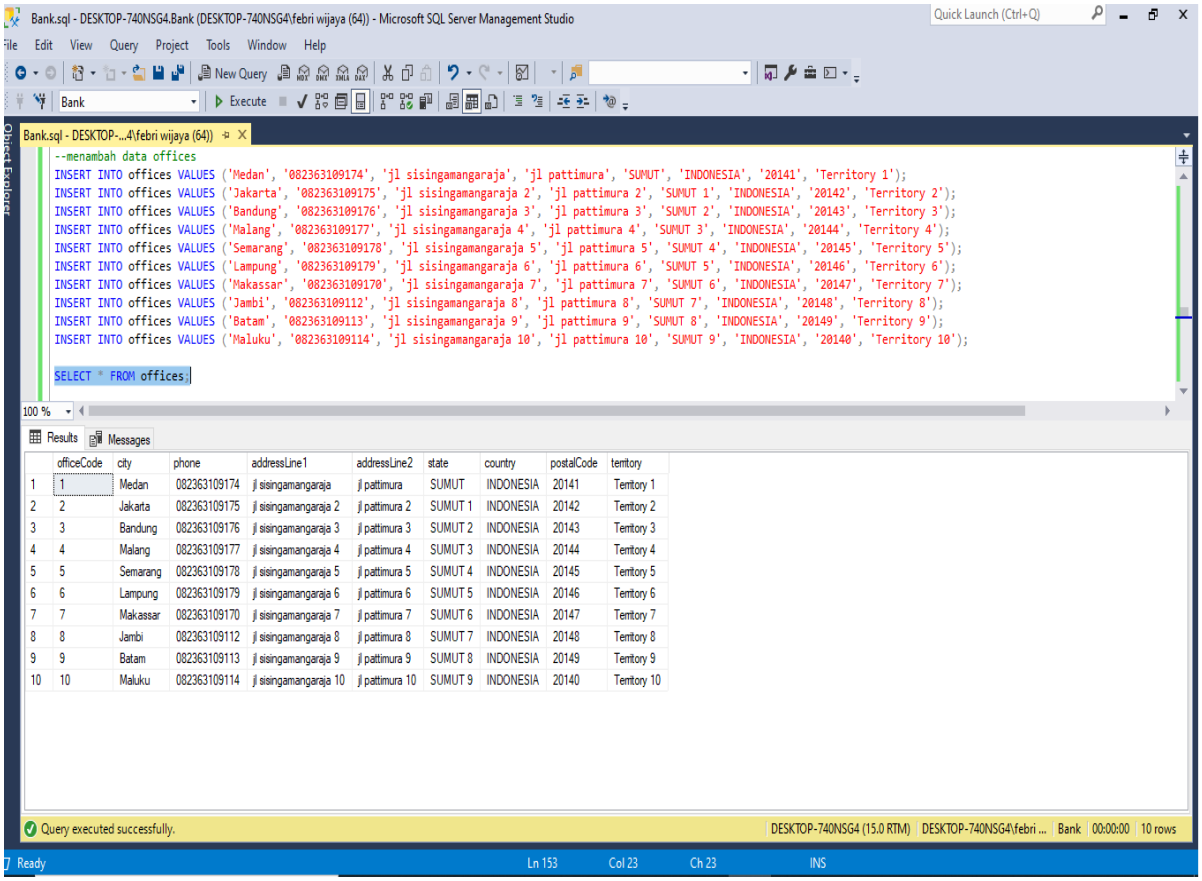
Query executed successfully. | DESKTOP-740NSG4 (15.0 RTM) | DESKTOP-740NSG4\febri ... | Bank | 00:00:00 | 7 rows

Ready | Ln 211 | Col 24 | Ch 24 | INS

7. Screenshot dan kode program



8. Screenshot dan kode program



NB : Untuk lebih lengkap mengenai code relasi tabel silahkan lihat pada query Bank.sql.