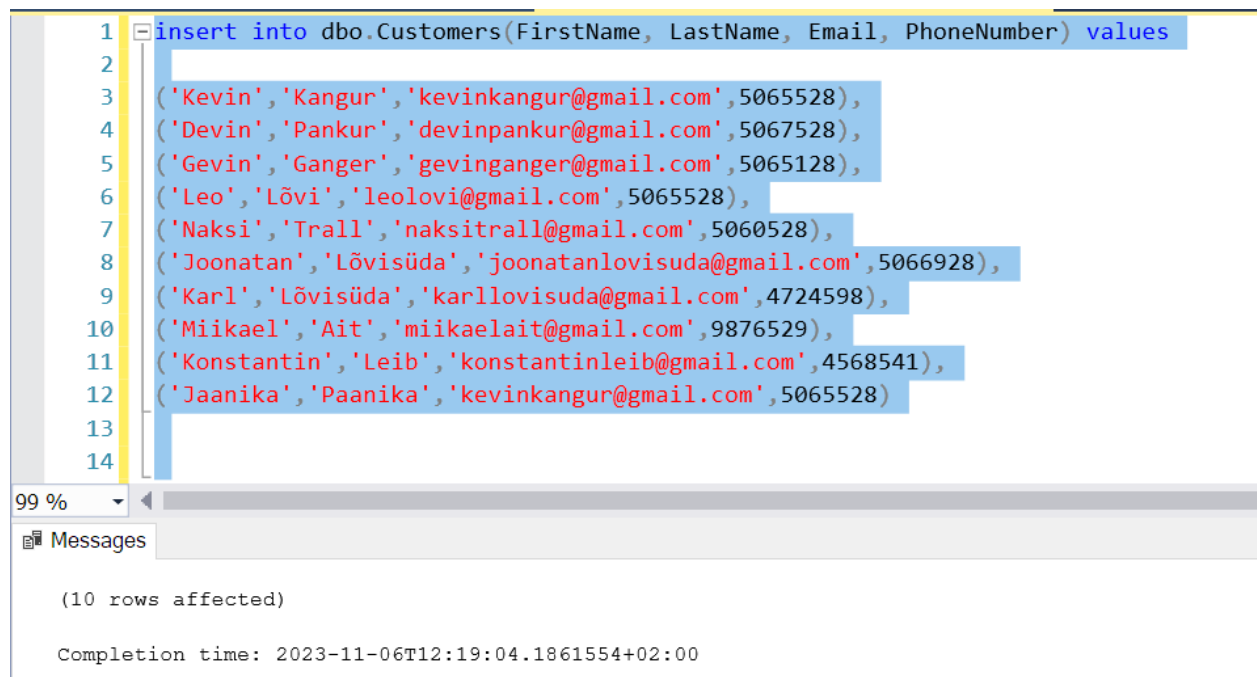


SQL-i osa:

insert into dbo.Customers(FirstName, LastName, Email, PhoneNumber) values

```
('Kevin','Kangur','kevinkangur@gmail.com',5065528),
('Devin','Pankur','devinpankur@gmail.com',5067528),
('Gevin','Ganger','gevinganger@gmail.com',5065128),
('Leo','Lõvi','leolovi@gmail.com',5065528),
('Naksi','Trall','naksitrall@gmail.com',5060528),
('Joonatan','Lõvisüda','joonatanlovisuda@gmail.com',5066928),
('Karl','Lõvisüda','karllovisuda@gmail.com',4724598),
('Miikael','Ait','miikaelait@gmail.com',9876529),
('Konstantin','Leib','konstantinleib@gmail.com',4568541),
('Jaanika','Paanika','kevinkangur@gmail.com',5065528)
```



```
1 insert into dbo.Customers(FirstName, LastName, Email, PhoneNumber) values
2
3 ('Kevin','Kangur','kevinkangur@gmail.com',5065528),
4 ('Devin','Pankur','devinpankur@gmail.com',5067528),
5 ('Gevin','Ganger','gevinganger@gmail.com',5065128),
6 ('Leo','Lõvi','leolovi@gmail.com',5065528),
7 ('Naksi','Trall','naksitrall@gmail.com',5060528),
8 ('Joonatan','Lõvisüda','joonatanlovisuda@gmail.com',5066928),
9 ('Karl','Lõvisüda','karllovisuda@gmail.com',4724598),
10 ('Miikael','Ait','miikaelait@gmail.com',9876529),
11 ('Konstantin','Leib','konstantinleib@gmail.com',4568541),
12 ('Jaanika','Paanika','kevinkangur@gmail.com',5065528)
13
14
```

99 %

Messages

(10 rows affected)

Completion time: 2023-11-06T12:19:04.1861554+02:00

insert into dbo.Employees(FirstName, LastName, Email, PhoneNumber) values

```
('John','Doe','john.doe@email.com', 5551234),
('Jane','Smith','jane.smith@email.com', 5555678),
('Bob','Johnson','bob.johnson@email.com', 5559876),
('Alice','Williams','alice.williams@email.com', 5554321),
('David','Brown','david.brown@email.com', 5558765),
```

```
('Emma', 'Davis', 'emma.davis@email.com', 5553456),  
('Michael', 'Wilson', 'michael.wilson@email.com', 5556543),  
('Sara', 'Taylor', 'sara.taylor@email.com', 5557890),  
('Peter', 'Anderson', 'peter.anderson@email.com', 5552345),  
('Olivia', 'Lee', 'olivia.lee@email.com', 5558901)
```

```
14 insert into dbo.Employees(FirstName, LastName, Email, PhoneNumber) values  
15 ('John', 'Doe', 'john.doe@email.com', 5551234),  
16 ('Jane', 'Smith', 'jane.smith@email.com', 5555678),  
17 ('Bob', 'Johnson', 'bob.johnson@email.com', 5559876),  
18 ('Alice', 'Williams', 'alice.williams@email.com', 5554321),  
19 ('David', 'Brown', 'david.brown@email.com', 5558765),  
20 ('Emma', 'Davis', 'emma.davis@email.com', 5553456),  
21 ('Michael', 'Wilson', 'michael.wilson@email.com', 5556543),  
22 ('Sara', 'Taylor', 'sara.taylor@email.com', 5557890),  
23 ('Peter', 'Anderson', 'peter.anderson@email.com', 5552345),  
24 ('Olivia', 'Lee', 'olivia.lee@email.com', 5558901)  
25
```

%
Messages

(10 rows affected)

Completion time: 2023-11-06T12:26:28.1058960+02:00

```
insert into dbo.Products(ProductName, ProductDescription) values  
('Laptop', 'High-performance laptop with SSD storage'),  
('Smartphone', 'Latest model with advanced camera features'),  
('Headphones', 'Noise-canceling headphones with Bluetooth'),  
('Smartwatch', 'Fitness tracking and heart rate monitoring'),  
('Digital Camera', 'Professional DSLR camera with 4K recording'),  
('Gaming Console', 'Next-gen gaming console with VR capabilities'),  
('Fitness Tracker', 'Water-resistant fitness tracker with OLED display'),  
('Wireless Speaker', 'Portable speaker with long battery life'),  
('External Hard Drive', 'High-capacity external storage for backups'),  
('Tablet', 'Slim and lightweight tablet with high-resolution display')
```

```

26 insert into dbo.Products(ProductName, ProductDescription) values
27 ('Laptop', 'High-performance laptop with SSD storage'),
28 ('Smartphone', 'Latest model with advanced camera features'),
29 ('Headphones', 'Noise-canceling headphones with Bluetooth'),
30 ('Smartwatch', 'Fitness tracking and heart rate monitoring'),
31 ('Digital Camera', 'Professional DSLR camera with 4K recording'),
32 ('Gaming Console', 'Next-gen gaming console with VR capabilities'),
33 ('Fitness Tracker', 'Water-resistant fitness tracker with OLED display'),
34 ('Wireless Speaker', 'Portable speaker with long battery life'),
35 ('External Hard Drive', 'High-capacity external storage for backups'),
36 ('Tablet', 'Slim and lightweight tablet with high-resolution display')
37

```

99 %

Messages

(10 rows affected)

Completion time: 2023-11-06T12:27:22.1561224+02:00

```

insert into dbo.PurchaseHistories(PurchaseDate, TotalAmount, ProductId, CustomerId) values
('2023-01-15', 1200.50, 1, 3),
('2023-02-20', 899.99, 2, 7),
('2023-03-10', 150.75, 5, 2),
('2023-04-05', 450.30, 8, 5),
('2023-05-18', 699.00, 4, 8),
('2023-06-22', 299.99, 6, 1),
('2023-07-07', 75.50, 9, 4),
('2023-08-30', 499.99, 3, 10),
('2023-09-14', 199.95, 7, 6),
('2023-10-02', 799.00, 10, 9)

```

(10 rows affected)

```

insert into dbo.Sales(SaleDate, Quantity, TotalAmount) values
('2023-01-02', 5, 2500.00),
('2023-02-10', 3, 2699.97),
('2023-03-25', 2, 301.50),
('2023-04-18', 1, 150.15),
('2023-05-12', 4, 2796.00),
('2023-06-30', 2, 599.98),
('2023-07-15', 10, 755.00),
('2023-08-05', 3, 1499.97),
('2023-09-22', 8, 1599.60),
('2023-10-12', 1, 799.00)

```

```
50 insert into dbo.Sales(SaleDate, Quantity, TotalAmount) values
51 ('2023-01-02', 5, 2500.00),
52 ('2023-02-10', 3, 2699.97),
53 ('2023-03-25', 2, 301.50),
54 ('2023-04-18', 1, 150.15),
55 ('2023-05-12', 4, 2796.00),
56 ('2023-06-30', 2, 599.98),
57 ('2023-07-15', 10, 755.00),
58 ('2023-08-05', 3, 1499.97),
59 ('2023-09-22', 8, 1599.60),
60 ('2023-10-12', 1, 799.00)
```

0 %

Messages

(10 rows affected)

Completion time: 2023-11-08T11:50:58.1411387+02:00

```
create proc ListEmployees
as begin
    select * from Employees
end
```

ListEmployees

```

62 create proc ListEmployees
63 as begin
64     select * from Employees
65 end
66
67 ListEmployees
68
69
70

```

99 %

Results Messages

	Id	FirstName	LastName	Email	PhoneNumber
1	2	John	Doe	john.doe@email.com	5551234
2	3	Jane	Smith	jane.smith@email.com	5555678
3	4	Bob	Johnson	bob.johnson@email.com	5559876
4	5	Alice	Williams	alice.williams@email.com	5554321
5	6	David	Brown	david.brown@email.com	5558765
6	7	Emma	Davis	emma.davis@email.com	5553456
7	8	Michael	Wilson	michael.wilson@email.com	5556543
8	9	Sara	Taylor	sara.taylor@email.com	5557890
9	10	Peter	Anderson	peter.anderson@email.com	5552345
10	11	Olivia	Lee	olivia.lee@email.com	5558901

```

select FirstName, LastName, PurchaseDate
from Customers c
join PurchaseHistories ph
on c.Id = ph.CustomerId

```

```

69 select FirstName, LastName, PurchaseDate
70 from Customers c
71 join PurchaseHistories ph
72 on c.Id = ph.CustomerId

```

99 %

	FirstName	LastName	PurchaseDate
1	Gevin	Ganger	2023-01-15 00:00:00.0000000
2	Karl	Lõvisüda	2023-02-20 00:00:00.0000000
3	Devin	Pankur	2023-03-10 00:00:00.0000000
4	Naksi	Trall	2023-04-05 00:00:00.0000000
5	Miikael	Ait	2023-05-18 00:00:00.0000000
6	Kevin	Kangur	2023-06-22 00:00:00.0000000
7	Leo	Lõvi	2023-07-07 00:00:00.0000000
8	Jaanika	Paanika	2023-08-30 00:00:00.0000000
9	Joonatan	Lõvisüda	2023-09-14 00:00:00.0000000
10	Konstantin	Leib	2023-10-02 00:00:00.0000000

```

select ProductName, TotalAmount
from Products p
join PurchaseHistories ph
on p.Id = ph.ProductId

```

```

74 select ProductName, TotalAmount
75 from Products p
76 join PurchaseHistories ph
77 on p.Id = ph.ProductId
78

```

99 %

	ProductName	TotalAmount
1	Laptop	1200
2	Smartphone	899
3	Digital Camera	150
4	Wireless Speaker	450
5	Smartwatch	699
6	Gaming Console	299
7	External Hard Drive	75
8	Headphones	499
9	Fitness Tracker	199
10	Tablet	799

```
select FirstName, LastName, SaleDate, TotalAmount
from Employees E
join Sales S
on E.Id = S.EmployeeId
```

99 70				
Results Messages				
	FirstName	LastName	SaleDate	TotalAmount
1	John	Doe	2023-03-25 00:00:00.0000000	301
2	John	Doe	2023-04-18 00:00:00.0000000	150
3	Jane	Smith	2023-05-12 00:00:00.0000000	2796
4	Bob	Johnson	2023-06-30 00:00:00.0000000	599
5	David	Brown	2023-07-15 00:00:00.0000000	755
6	Michael	Wilson	2023-08-05 00:00:00.0000000	1499
7	John	Doe	2023-09-22 00:00:00.0000000	1599
8	Sara	Taylor	2023-10-12 00:00:00.0000000	799