

Atividade Banco de Dados II

Mariana Akemi Arashiro Santos Feitosa – 3 DS AMS

EXERCÍCIO BD-Vendas

A – Criação das tabelas:

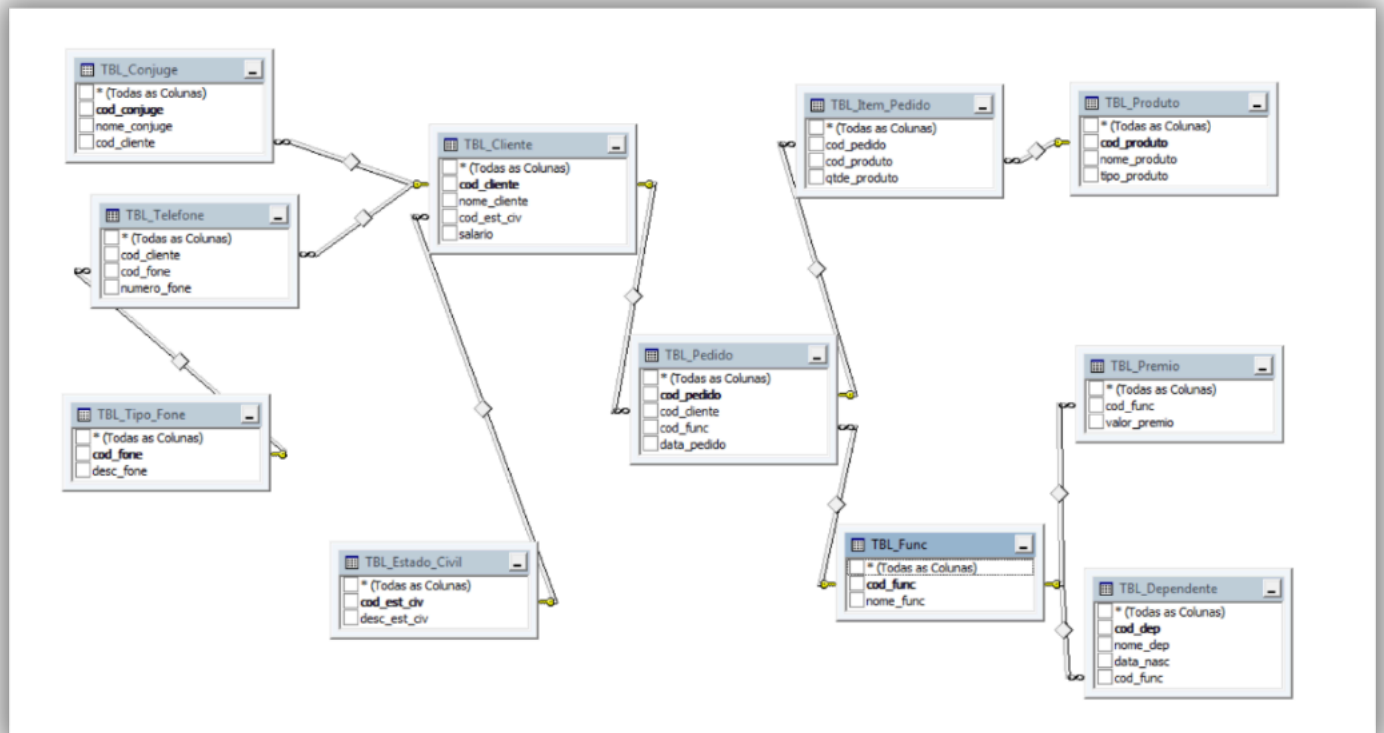


Tabela Estado Civil

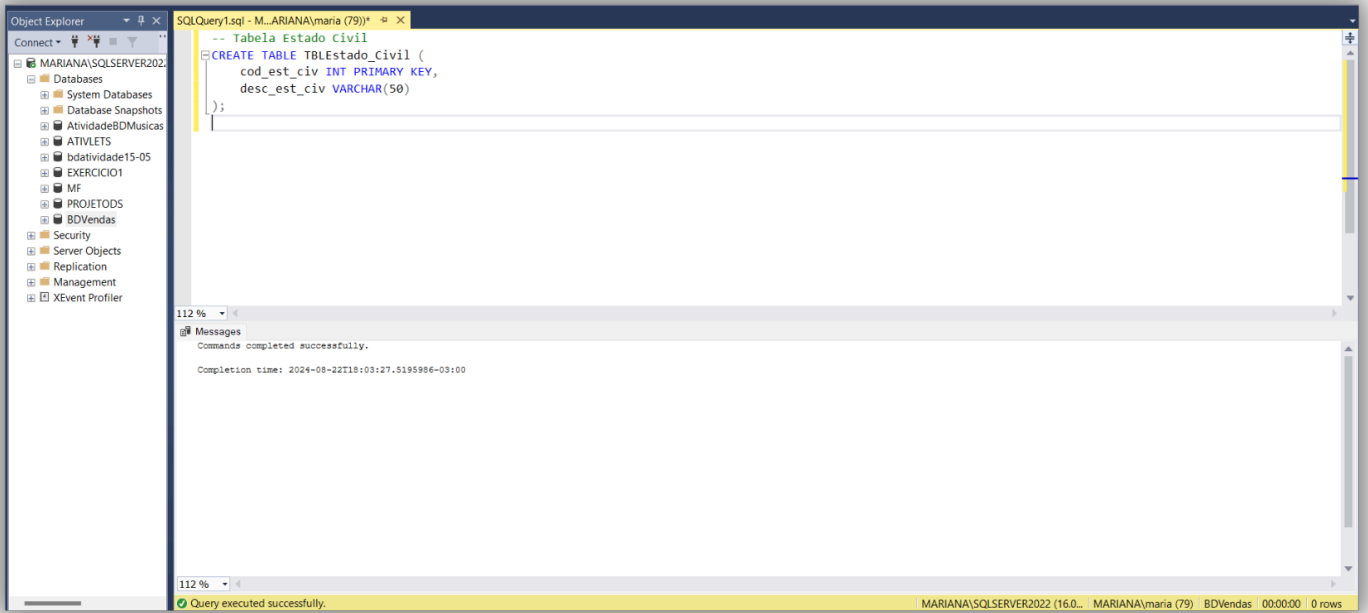


Tabela Cliente

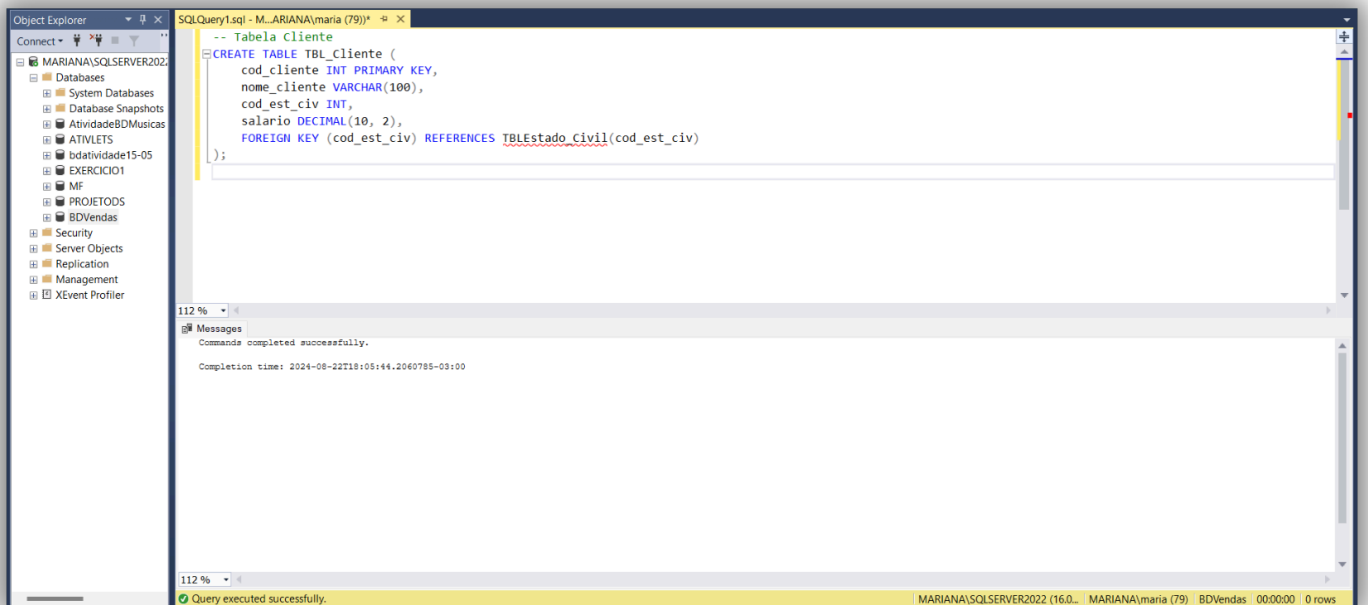


Tabela Conjuge

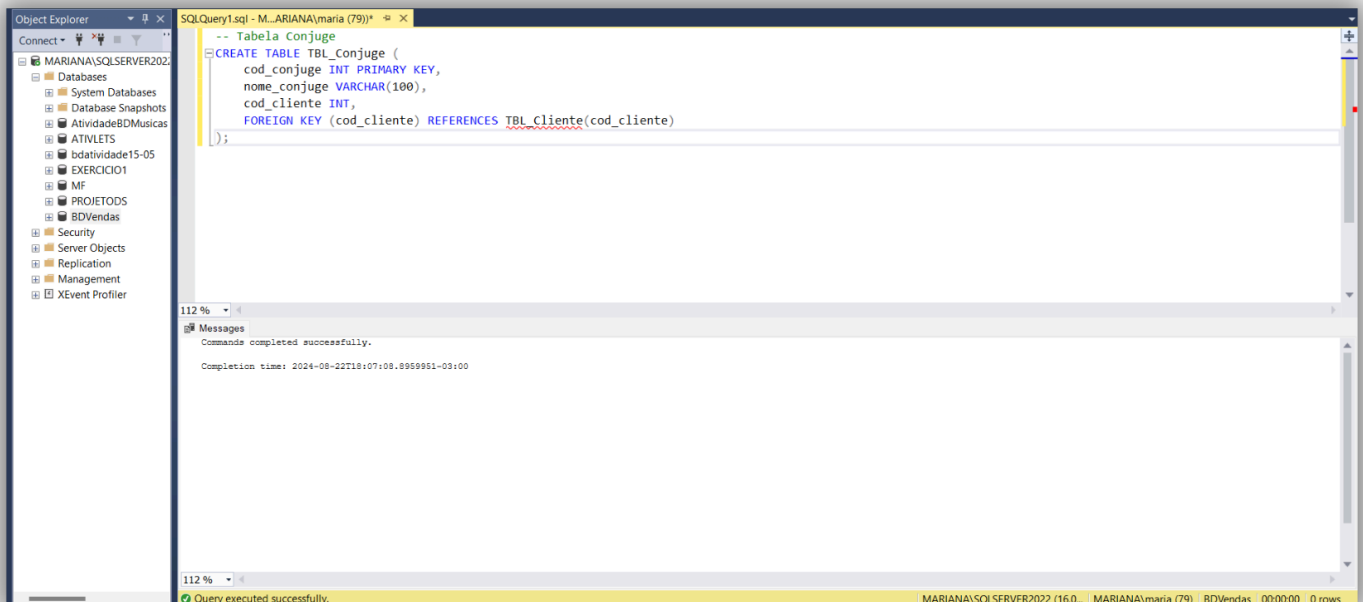


Tabela Telefone

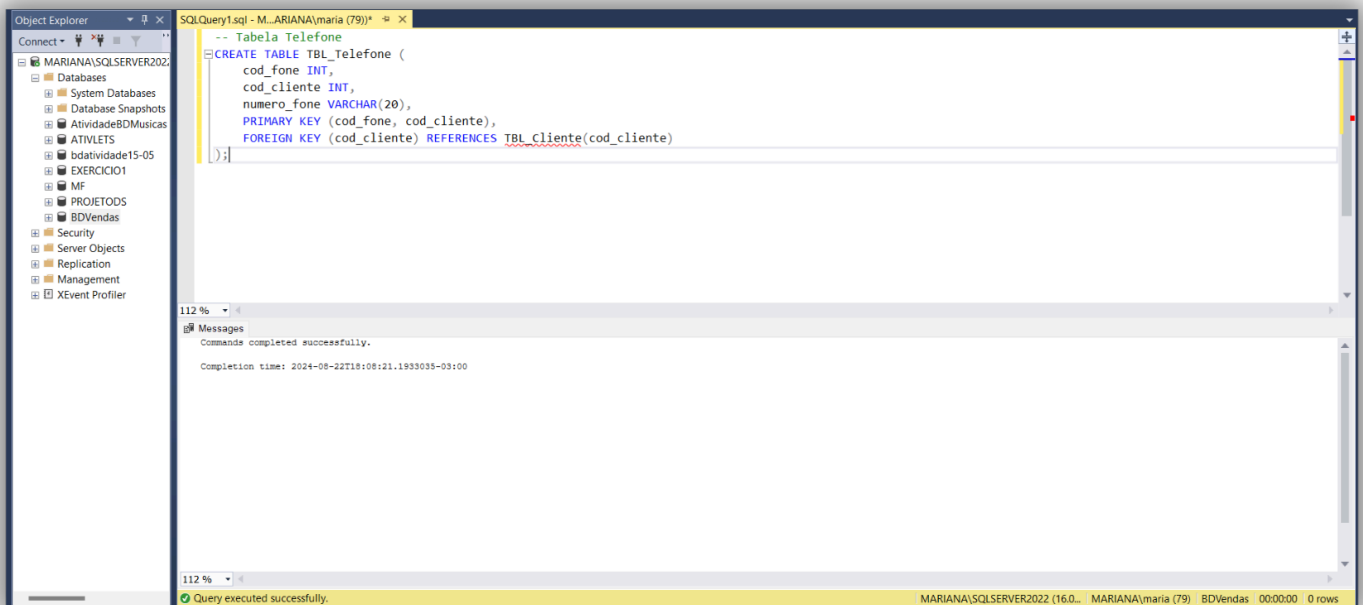


Tabela Tipo de Telefone

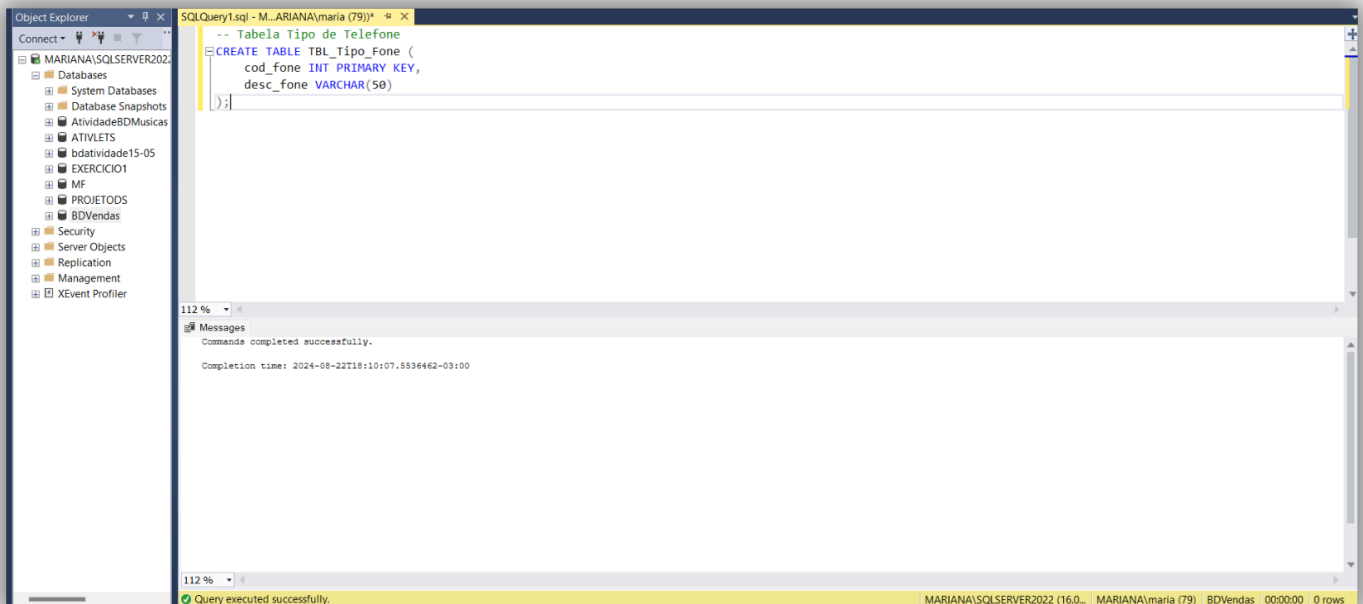


Tabela Funcionário

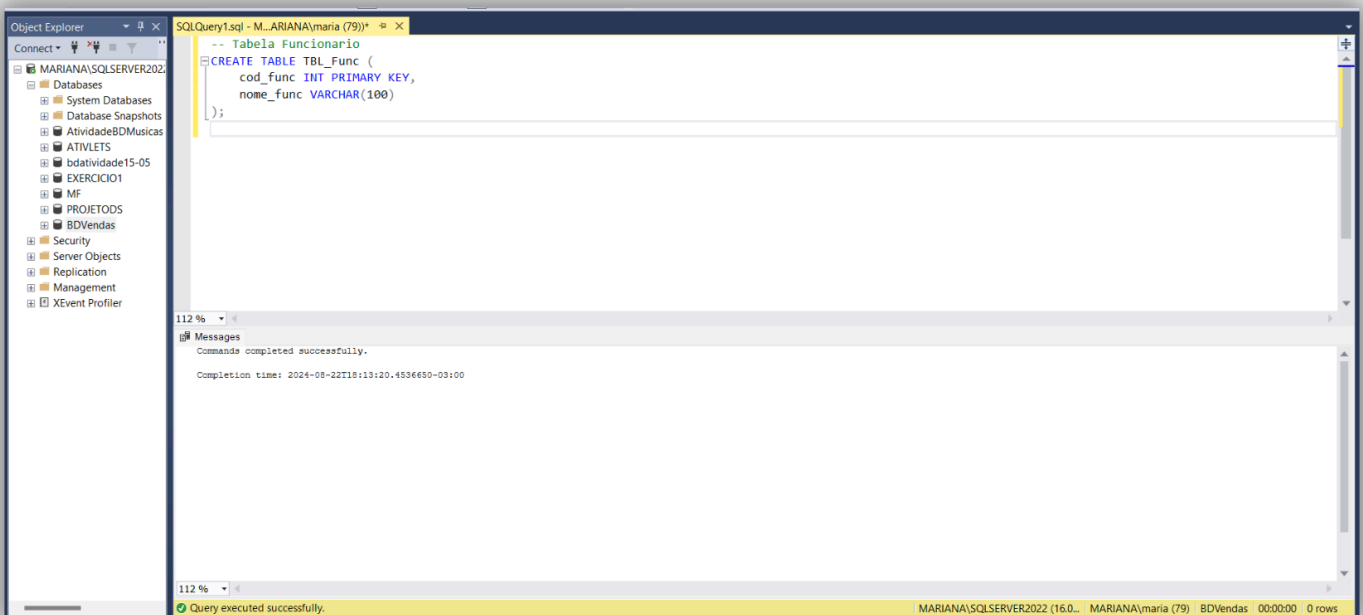


Tabela Pedido

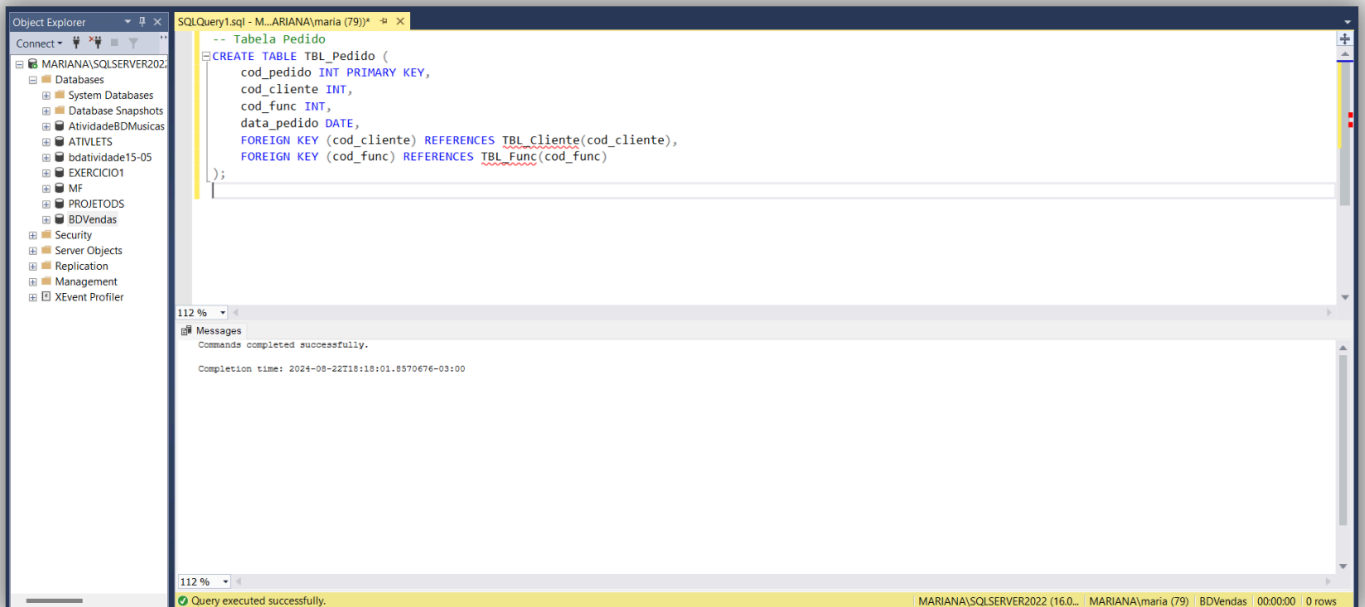


Tabela Produto

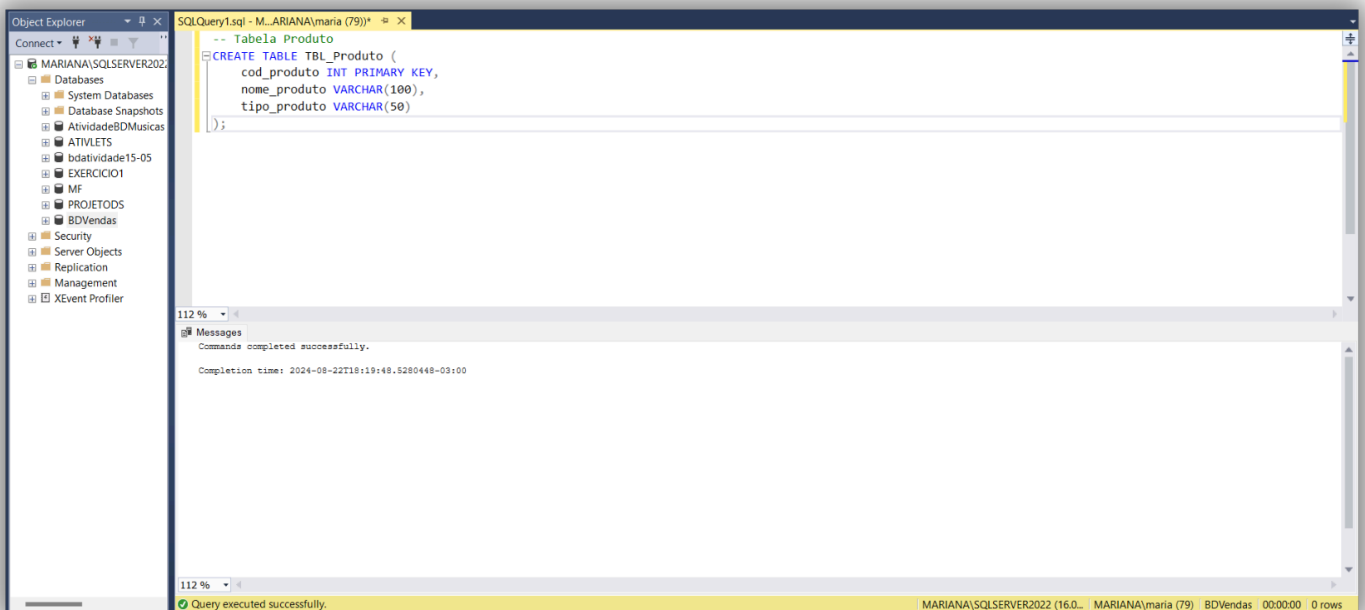


Tabela Item Pedido

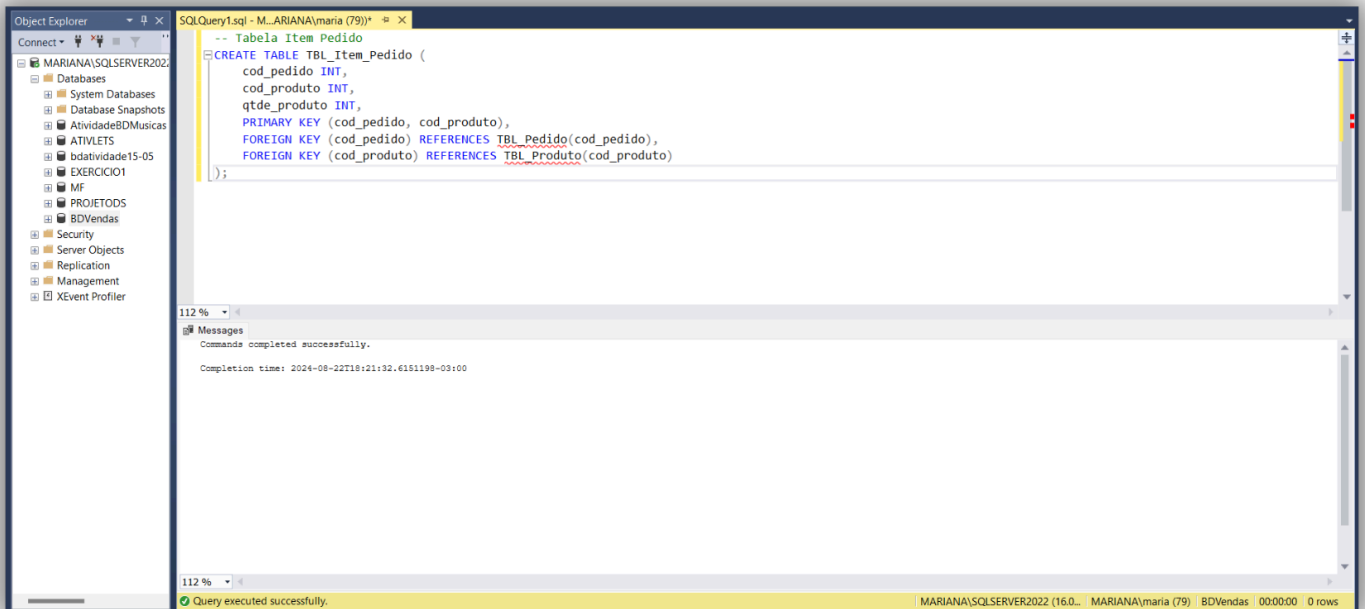


Tabela Premio

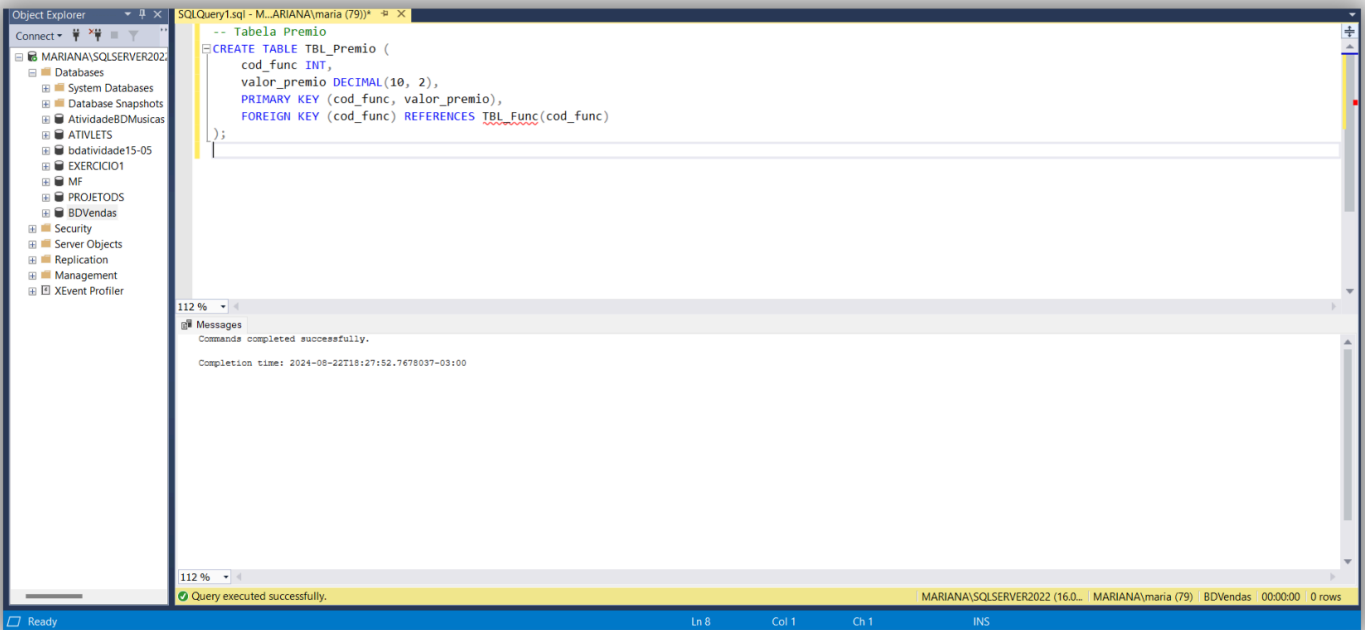
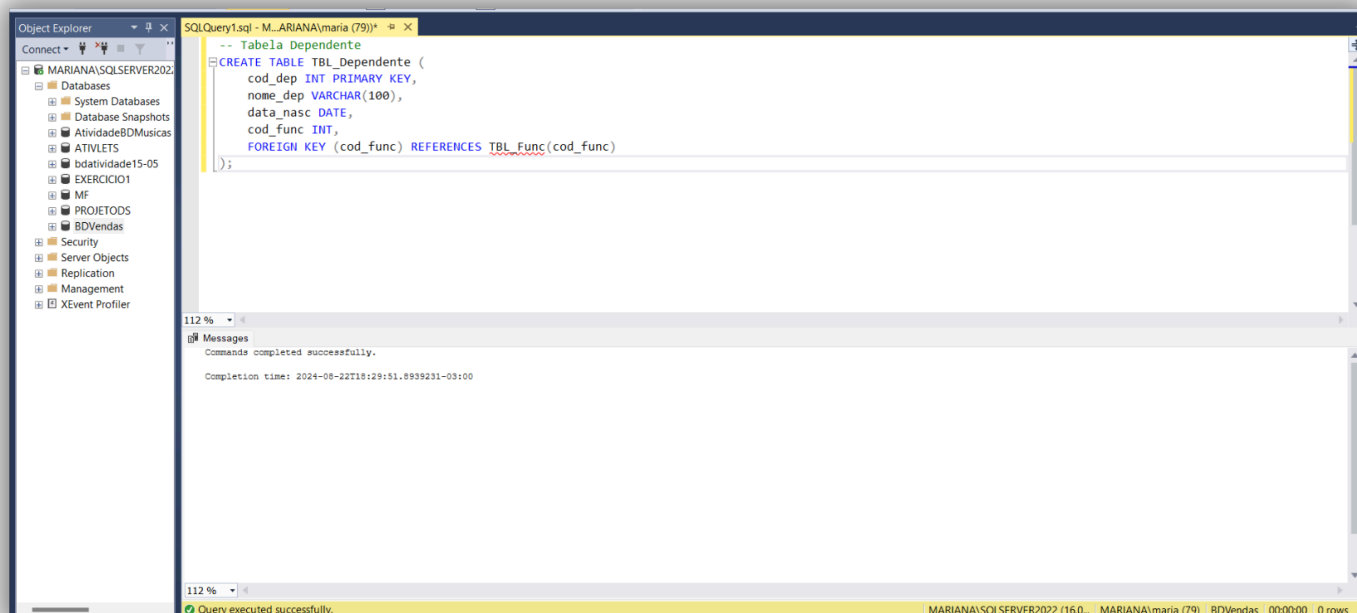


Tabela Dependente



B: Inserindo os Inserts:

Tabela Estado Civil

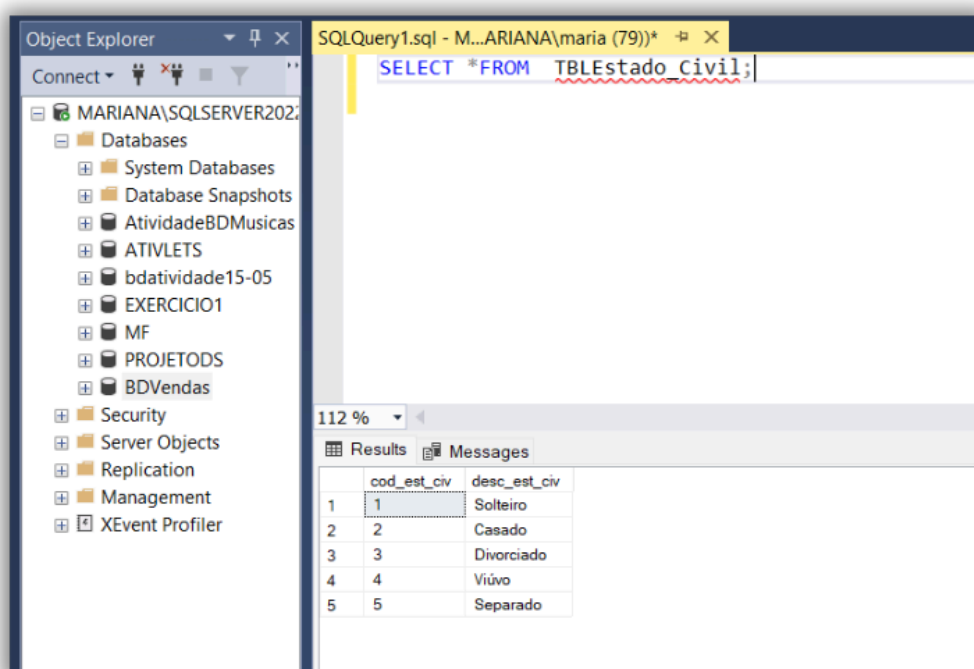


Tabela Cliente

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a query window with the SQL statement: `SELECT * FROM TBL_cliente;`. The results pane displays a table with 5 rows and 5 columns: `cod_cliente`, `nome_cliente`, `cod_est_civ`, and `salario`.

	cod_cliente	nome_cliente	cod_est_civ	salario
1	1	Sofia Rivera	2	5000.00
2	2	Laura Santos	1	3500.00
3	3	Orlando Freixedelo	2	4500.00
4	4	Luciana Arashiro	1	3000.00
5	5	Ricardo Lima	3	4000.00

Tabela Conjuge

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a query window with the SQL statement: `SELECT * FROM TBL_Conjuge;`. The results pane displays a table with 5 rows and 4 columns: `cod_conjuge`, `nome_conjuge`, and `cod_cliente`.

	cod_conjuge	nome_conjuge	cod_cliente
1	1	Paloma Oliveira	1
2	2	Luiz Santos	3
3	3	Ludymilla Silva	5
4	4	Raquel Gutierrez	2
5	5	Fernanda Souza	4

Tabela Telefone

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the database structure for 'MARIANA\SQLSERVER2022'. The 'Databases' folder is expanded, showing various databases including 'AtividadeBDMusicas', 'ATIVLETS', 'bdatividade15-05', 'EXERCICIO1', 'MF', 'PROJETODS', and 'BDVendas'. The 'Security' folder is also expanded, showing 'Server Objects', 'Replication', 'Management', and 'XEvent Profiler'. The main window displays a SQL query: `SELECT * FROM TBL_Telefone;`. The query results are shown in a table with the following data:

	cod_fone	cod_cliente	numero_fone
1	1	1	99999-1111
2	2	1	3333-2222
3	3	2	99999-3333
4	4	3	99999-4444
5	5	4	99999-5555

Tabela Tipo de Telefone

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the database structure for 'MARIANA\SQLSERVER2022'. The 'Databases' folder is expanded, showing various databases including 'AtividadeBDMusicas', 'ATIVLETS', 'bdatividade15-05', 'EXERCICIO1', 'MF', 'PROJETODS', and 'BDVendas'. The 'Security' folder is also expanded, showing 'Server Objects', 'Replication', 'Management', and 'XEvent Profiler'. The main window displays a SQL query: `SELECT * FROM TBL_Tipo_Fone;`. The query results are shown in a table with the following data:

	cod_fone	desc_fone
1	1	Celular
2	2	Residencial
3	3	Comercial
4	4	Fax
5	5	Outro

Tabela Funcionário

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a query window with the SQL statement 'SELECT * FROM TBL_Func;'. The Results pane at the bottom displays the data from the TBL_Func table.

	cod_func	nome_func
1	1	Francisco
2	2	Yasmin
3	3	Juliano
4	4	Ana Julia
5	5	Marcos

Tabela Pedido

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a query window with the SQL statement 'SELECT * FROM TBL_Pedido;'. The Results pane at the bottom displays the data from the TBL_Pedido table.

	cod_pedido	cod_cliente	cod_func	data_pedido
1	1	1	1	2024-08-13
2	2	2	2	2024-08-14
3	3	3	1	2024-08-15
4	4	4	2	2024-08-16
5	5	5	3	2024-08-17

Tabela Produto

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a SQL query: `SELECT * FROM TBL_Produto;`. The query results are displayed in a table with 5 rows and 3 columns: `cod_produto`, `nome_produto`, and `tipo_produto`.

	cod_produto	nome_produto	tipo_produto
1	1	Notebook	Eletrônico
2	2	Celular	Eletrônico
3	3	Impressora	Eletrônico
4	4	Mesa	Mobiliário
5	5	Cadeira	Mobiliário

Tabela Item Pedido

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'MARIANA\SQLSERVER2022'. The main window shows a SQL query: `SELECT * FROM TBL_Item_Pedido;`. The query results are displayed in a table with 5 rows and 3 columns: `cod_pedido`, `cod_produto`, and `qtde_produto`.

	cod_pedido	cod_produto	qtde_produto
1	1	1	2
2	2	2	1
3	3	3	3
4	4	4	1
5	5	5	4

Tabela Prêmio

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the database structure for 'MARIANA\SQLSERVER2022'. The right pane shows a query window with the following SQL statement:

```
SELECT * FROM TBL_Premio;
```

The query results are displayed in a table with the following data:

	cod_func	valor_premio
1	1	1000.00
2	2	1500.00
3	3	2000.00
4	4	1200.00
5	5	1100.00

Tabela Dependente

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the database structure for 'MARIANA\SQLSERVER2022'. The right pane shows a query window with the following SQL statement:

```
SELECT * FROM TBL_Dependente;
```

The query results are displayed in a table with the following data:

	cod_dep	nome_dep	data_nasc	cod_func
1	1	Lucas	2015-05-10	1
2	2	Giovana	2017-07-22	2
3	3	Nicollas	2012-03-14	3
4	4	Nicole	2010-09-05	4
5	5	Mateus	2008-12-30	5

Execute a query que cria o “Bd Vendas” e responda os exercícios a seguir:

***** Inner Join *****

1 - Selecione o nome dos clientes e o numero de todos os telefones que cada cliente possui:

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the database structure for 'MARIANA\SQLSERVER2022'. The central pane shows a SQL query in 'SQLQuery1.sql' that selects client names and phone numbers from two tables. The bottom pane shows the results of the query at 112% zoom.

```
SELECT c.nome_cliente, t.numero_fone
FROM TBL_Cliente c
INNER JOIN TBL_Telefone t ON c.cod_cliente = t.cod_cliente;
```

	nome_cliente	numero_fone
1	Sofia Rivera	99999-1111
2	Sofia Rivera	3333-2222
3	Laura Santos	99999-3333
4	Orlando Freixedelo	99999-4444
5	Luciana Arashiro	99999-5555

2 – Selecione o nome dos clientes casados e o nome de seus cônjuges:

The screenshot shows the SQL Server Enterprise Manager interface. The central pane displays a SQL query that selects the names of married clients and their spouses. The bottom pane shows the results of the query at 112% zoom.

```
SELECT c.nome_cliente, cj.nome_conjuge
FROM TBL_Cliente c
INNER JOIN TBL_Conjuge cj ON c.cod_cliente = cj.cod_cliente
WHERE c.cod_est_civ = 2;
```

	nome_cliente	nome_conjuge
1	Sofia Rivera	Paloma Oliveira
2	Orlando Freixedelo	Luiz Santos

3 – Selecione o nome dos clientes, o numero e o tipo de telefone que cada um possui:

Object Explorer: MARIANA\SQLSERVER2022

SQLQuery1.sql - M...ARIANA\maria (79))*

```
SELECT c.nome_cliente, t.numero_fone, tf.desc_fone
FROM TBL_Cliente c
INNER JOIN TBL_Telefone t ON c.cod_cliente = t.cod_cliente
INNER JOIN TBL_Tipo_Fone tf ON t.cod_fone = tf.cod_fone;
```

Results:

	nome_cliente	numero_fone	desc_fone
1	Sofia Rivera	99999-1111	Celular
2	Sofia Rivera	3333-2222	Residencial
3	Laura Santos	99999-3333	Comercial
4	Orlando Freixedelo	99999-4444	Fax
5	Luciana Arashiro	99999-5555	Outro

4 – Selecione todas as colunas da tabela pedido, o nome do cliente que fez o pedido e o nome do funcionário que atendeu cada pedido:

Object Explorer: MARIANA\SQLSERVER2022

SQLQuery1.sql - M...ARIANA\maria (79))*

```
SELECT p.*, c.nome_cliente, f.nome_func
FROM TBL_Pedido p
INNER JOIN TBL_Cliente c ON p.cod_cliente = c.cod_cliente
INNER JOIN TBL_Func f ON p.cod_func = f.cod_func;
```

Results:

	cod_pedido	cod_cliente	cod_func	data_pedido	nome_cliente	nome_func
1	1	1	1	2024-08-13	Sofia Rivera	Pedro
2	2	2	2	2024-08-14	Laura Santos	Yasmin
3	3	3	1	2024-08-15	Orlando Freixedelo	Pedro
4	4	4	2	2024-08-16	Luciana Arashiro	Yasmin
5	5	5	3	2024-08-17	Ricardo Lima	Juliano

5 – Selecione o código e a data do pedido, o nome do cliente que fez o pedido do funcionário “Francisco”:

Object Explorer

Connect

MARIANA\SQLSERVER2022

- Databases
 - System Databases
 - Database Snapshots
 - AtividadeBDMusicas
 - ATIVLETS
 - bdatividade15-05
 - EXERCICIO1
 - MF
 - PROJETODS
 - BDVendas
- Security
- Server Objects
- Replication
- Management
- XEvent Profiler

SQLQuery2.sql - M...ARIANA\maria (62))

```
SELECT p.cod_pedido, p.data_pedido, c.nome_cliente
FROM TBL_Pedido p
INNER JOIN TBL_Cliente c ON p.cod_cliente = c.cod_cliente
INNER JOIN TBL_Func f ON p.cod_func = f.cod_func
WHERE f.nome_func = 'Francisco';
```

SQLQuery1.sql - M...ARIANA\maria (79))*

112 %

Results Messages

	cod_pedido	data_pedido	nome_cliente
1	1	2024-08-13	Sofia Rivera
2	3	2024-08-15	Orlando Freixedelo
3	6	2024-08-18	Sofia Rivera
4	7	2024-08-18	Sofia Rivera