

CRIAÇÃO DE TABELAS

Rodar consulta(s) SQL no banco de dados mydatabase: 

```
1 CREATE TABLE TB_DETALHES_PEDIDOS (  
2     id_orderNumber INT,  
3     id_productCode INT,  
4     quantityOrdered INT,  
5     priceEach INT,  
6     orderLineNumber VARCHAR(20),  
7     PRIMARY KEY (id_orderNumber, id_productCode),  
8     FOREIGN KEY (id_orderNumber) REFERENCES TB_PEDIDOS (id),  
9     FOREIGN KEY (id_productCode) REFERENCES TB_PRODUTOS (id)  
10 );
```

```
1 CREATE TABLE TB_EMPREGADOS (  
2     id VARCHAR(20) PRIMARY KEY,  
3     lastName VARCHAR(80),  
4     firstName VARCHAR(40),  
5     extension VARCHAR(20),  
6     email VARCHAR(80),  
7     officeCode VARCHAR(20),  
8     reportsTo VARCHAR(20),  
9     jobTitle VARCHAR(40)  
10 );
```

```
1 CREATE TABLE TB_ESCRITORIOS (  
2     id VARCHAR(20),  
3     city VARCHAR(80),  
4     phone VARCHAR(20),  
5     addressLine1 VARCHAR(20),  
6     addressLine2 VARCHAR(20),  
7     state VARCHAR(40),  
8     country VARCHAR(80),  
9     postalCode VARCHAR(20),  
10    territory VARCHAR(40)  
11 );
```

Rodar consulta(s) SQL no banco de dados mydatabase:

```
1 CREATE TABLE TB_LINHAS_DE_PRODUTO (  
2     id INT PRIMARY KEY AUTO_INCREMENT,  
3     htmlDescription TEXT,  
4     image VARCHAR(80),  
5     textDescription VARCHAR(80)  
6 );|
```

```
1 CREATE TABLE TB_PAGAMENTOS (  
2     id_customerNumber VARCHAR(80),  
3     id VARCHAR(20),  
4     paymentDate VARCHAR(20),  
5     amount INT,  
6     PRIMARY KEY (id_customerNumber, id),  
7     FOREIGN KEY (id_customerNumber) REFERENCES TB_CLIENTES (id)  
8 );|
```

```
1 CREATE TABLE TB_PEDIDOS (  
2     id VARCHAR(20) PRIMARY KEY,  
3     orderDate VARCHAR(40),  
4     requiredDate VARCHAR(40),  
5     shippedDate VARCHAR(40),  
6     status VARCHAR(40),  
7     comments TEXT,  
8     id_customerNumber VARCHAR(80),  
9     FOREIGN KEY (id_customerNumber) REFERENCES TB_CLIENTES (id)  
10 );|
```

```

1 CREATE TABLE TB_PRODUTOS (
2   id INT PRIMARY KEY AUTO_INCREMENT,
3   productName VARCHAR(80),
4   id_productLine INT,
5   productScale VARCHAR(80),
6   productVendor VARCHAR(80),
7   productDescription TEXT,
8   quantityInStock INT,
9   buyPrice INT,
10  MSRP INT,
11  FOREIGN KEY (id_productLine) REFERENCES TB_LINHAS_DE_PRODUTO(id)
12 );

```

Rodar consulta(s) SQL no banco de dados mydatabase: 

```

1 CREATE TABLE TB_CLIENTES (
2   id VARCHAR(80) PRIMARY KEY,
3   customerName VARCHAR(80),
4   contactLastName VARCHAR(120),
5   contactFirstName VARCHAR(40),
6   phone VARCHAR(20),
7   addressLine1 VARCHAR(40),
8   addressLine2 VARCHAR(40),
9   city VARCHAR(100),
10  state VARCHAR(80),
11  postalCode VARCHAR(40),
12  country VARCHAR(80),
13  salesRepEmployeeNumber VARCHAR(20),
14  creditLimit INT
15 );

```

CRUD

CLIENTES

```

1 UPDATE `TB_CLIENTES` SET `id`='1',`customerName`='Marcelo
Gomes',`contactLastName`='Gomes',`contactFirstName`='Marcelo',`phone`='567891234',`addressLine1`='Av Alberto
Magno',`addressLine2`='889',`city`='Fortaleza',`state`='Ceará',`postalCode`='8888889',`country`='Brasil',`sa
lesRepEmployeeNumber`='1',`creditLimit`='7000' WHERE id = 1;

```

```

1 DELETE FROM `TB_CLIENTES` WHERE id = 1;

```

```

1 INSERT INTO `TB_CLIENTES`(`id`, `customerName`, `contactLastName`, `contactFirstName`,
`phone`, `addressLine1`, `addressLine2`, `city`, `state`, `postalCode`, `country`,
`salesRepEmployeeNumber`, `creditLimit`) VALUES ('1','Marcelos
Gomes','Gomes','Marcelo','987654321','Avenida
Expedicionários','9095','Fortaleza','Ceará','999467','Brasil','1','5000');

```

```

1 SELECT `id`, `customerName`, `contactLastName`, `contactFirstName`, `phone`,
`addressLine1`, `addressLine2`, `city`, `state`, `postalCode`, `country`,
`salesRepEmployeeNumber`, `creditLimit` FROM `TB_CLIENTES` WHERE id = 1;

```

DETALHES DE PEDIDOS

✓ 1 linha afetada. (Consulta levou 0.0028 segundos.)

```
UPDATE `TB_DETALHES_PEDIDOS` SET `id_orderNumber`='1',`id_productCode`=1,`quantityOrdered`=2,`priceEach`=65000,`orderLineNumber`='1' WHERE id_orderNumber AND id_productCode = 1;
```

```
1 DELETE FROM `TB_DETALHES_PEDIDOS` WHERE id_orderNumber AND id_costumerNumber = 1;
```

```
1 INSERT INTO `TB_DETALHES_PEDIDOS`(`id_orderNumber`, `id_productCode`,  
`quantityOrdered`, `priceEach`, `orderLineNumber`) VALUES ('1','1','1', 65000,'1');
```

```
1 SELECT `id_orderNumber`, `id_productCode`, `quantityOrdered`, `priceEach`,  
`orderLineNumber` FROM `TB_DETALHES_PEDIDOS` WHERE id_productCode AND id_orderNumber =  
1;
```

EMPREGADOS

```
1 UPDATE `TB_EMPREGADOS` SET  
`id`='1',`lastName`='Dias',`firstName`='Alvaro',`extension`='3',`email`='alvarodias@gmail.com',`officeCode`  
='1',`reportsTo`='none',`jobTitle`='Gerente' WHERE id = 1;
```

```
1 DELETE FROM `TB_EMPREGADOS` WHERE id =1;
```

```
1 INSERT INTO `TB_EMPREGADOS`(`id`, `lastName`, `firstName`, `extension`, `email`,  
`officeCode`, `reportsTo`, `jobTitle`) VALUES (  
1,'Dias','Álvaro','padrão','alvarodias@gmail.com','1','none','Vendedor')
```

```
1 SELECT * FROM `TB_EMPREGADOS` WHERE id = 1;
```

ESCRITÓRIOS

```
1 UPDATE `TB_ESCRITORIOS` SET `id`='1',`city`='Fortaleza',`phone`='123456789',`addressLine1`='Rua  
2',`addressLine2`='56',`state`='Ceará',`country`='Brasil',`postalCode`='5578015',`territory`='Nordeste'  
WHERE id = 1;
```

```
1 DELETE FROM `TB_ESCRITORIOS` WHERE id = 1;
```

```

1 INSERT INTO `TB_ESCRITORIOS`(`id`, `city`, `phone`, `addressLine1`, `addressLine2`,
  `state`, `country`, `postalCode`, `territory`) VALUES ( 1,'Fortaleza','123456789','Rua
  da Paz','Numero 200','Ceará','Brasil','8002025','Nordeste');|

1 SELECT `id`, `city`, `phone`, `addressLine1`, `addressLine2`, `state`, `country`,
  `postalCode`, `territory` FROM `TB_ESCRITORIOS` WHERE id = 1;

```

LINHAS DE PRODUTOS

```

1 UPDATE `TB_LINHAS_DE_PRODUTO` SET `id`=1,`htmlDescription`='<p>Opalla 3
  cilindros</p>`,`image`='opalla3cilindros.png`,`textDescription`='Opalla 3 cilindros' WHERE id = 1;

```

```

1 DELETE FROM `TB_LINHAS_DE_PRODUTO` WHERE id = 1;

```

```

1 INSERT INTO `TB_LINHAS_DE_PRODUTO`(`id`, `htmlDescription`, `image`, `textDescription`) VALUES
  (1,'<p>Opalla 6 cilindros</p>`,`opalla-6-cilindros.png`,`Opalla 6 cilindros');|

```

```

1 SELECT * FROM `TB_LINHAS_DE_PRODUTO` WHERE id = 1;

```

PAGAMENTOS

```

1 SELECT * FROM `TB_PAGAMENTOS` WHERE id = 1;|

```

```

1 UPDATE `TB_PAGAMENTOS` SET
  `id_costumerNumber`='1`,`id`='1`,`paymentDate`='30/06/2025`,`amount`= 70000 WHERE id =
  1;

```

```

1 DELETE FROM `TB_PAGAMENTOS` WHERE id = 1;|

```

```

1 INSERT INTO `TB_PAGAMENTOS`(`id_costumerNumber`, `id`, `paymentDate`, `amount`) VALUES
  ('1','1','12/09/2025', 65000);

```

PEDIDOS

```
1 SELECT * FROM `TB_PEDIDOS` WHERE id = 1;
```

```
1 UPDATE `TB_PEDIDOS` SET  
  `id`='1', `orderDate`='02/03/2025', `requiredDate`='12/04/2025', `shippedDate`='01/04/2025', `status`='aguardan  
do confirmação', `comments`='entregar à tarde', `id_customerNumber`='1' WHERE id = 1;
```

```
1 DELETE FROM `TB_PEDIDOS` WHERE id = 1;
```

```
1 INSERT INTO `TB_PEDIDOS`(`id`, `orderDate`, `requiredDate`, `shippedDate`, `status`,  
  `comments`, `id_customerNumber`) VALUES ('1', '02/03/2025', '08/04/2025', '01/04/2025', 'a  
caminho', 'entregar à tarde', '1');
```

PRODUTOS

```
1 SELECT `id`, `productName`, `id_productLine`, `productScale`, `productVendor`,  
  `productDescription`, `quantityInStock`, `buyPrice`, `MSRP` FROM `TB_PRODUTOS` WHERE id  
  = 1;
```

```
1 UPDATE `TB_PRODUTOS` SET `id`= 1, `productName`='Ford Car 2015', `id_productLine`= 1,  
  `productScale`= 1000, `productVendor`='Ford', `productDescription`='Ford Car 3  
cilindros 2015', `quantityInStock`= 190, `buyPrice`= 65000, `MSRP`= 45000 WHERE id = 1;
```

```
1 DELETE FROM `TB_PRODUTOS` WHERE id = 1;
```

```
1 INSERT INTO `TB_PRODUTOS`(`id`, `productName`, `id_productLine`, `productScale`,  
  `productVendor`, `productDescription`, `quantityInStock`, `buyPrice`, `MSRP`) VALUES  
  (1, 'Ford Car 2015', 1, '1000', 'Ford', 'Carro Ford 3 cilindros 2015', 200, 50000, 45000);
```

DOCKER


```
#####
[node1] (local) root@192.168.0.23 ~
$ vi docker-compose.yml
[node1] (local) root@192.168.0.23 ~
$ cat docker-compose.yml
version: '3.8'
```

```
services:
  mysql:
    image: mysql:8.0
    container_name: mysql_container
    environment:
      MYSQL_ROOT_PASSWORD: rootpassword
      MYSQL_DATABASE: mydatabase
      MYSQL_USER: myuser
      MYSQL_PASSWORD: mypassword
    volumes:
      - mysql_data:/var/lib/mysql
```

```
      MYSQL_USER: myuser
      MYSQL_PASSWORD: mypassword
    volumes:
      - mysql_data:/var/lib/mysql
    ports:
      - "3306:3306"
```

```
  phpmyadmin:
    image: phpmyadmin/phpmyadmin
    container_name: phpmyadmin_container
    environment:
      PMA_HOST: mysql
      PMA_PORT: 3306
      PMA_USER: root
      PMA_PASSWORD: rootpassword
    ports:
      - "8080:80"
    depends_on:
```

```
volumes:
  mysql_data:
```

```
[node1] (local) root@192.168.0.23 ~
$ docker compose up -d
WARN[0000] /root/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to
avoid potential confusion
[+] Running 33/2
  ✓ mysql Pulled 26.9s
  ✓ phpmyadmin Pulled 18.4s
[+] Running 4/4
  ✓ Network root_default Created 0.0s
  ✓ Volume "root_mysql_data" Created 0.0s
  ✓ Container mysql_container Started 0.5s
  ✓ Container phpmyadmin_container Started 0.9s
[node1] (local) root@192.168.0.23 ~
$
```