update categories

set categoryName = 'Drinks'

where categoryName = 'Beverages';

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INSERT INTO shippers (shipperID,companyName)

VALUES (4,'Express Packages');

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SELECT \* FROM shippers;

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Delete from shippers

where shipperID = '4';

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Alter Table products

Drop Constraint If Exists products\_categoryid\_fkey;

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Alter Table products

Add constraint products\_categoryid\_fkey

Foreign Key(categoryID)

References categories(categoryID)

On Update Cascade

On Delete Cascade;

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update categories

set categoryID = 1001

where categoryID = 1;

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select \* from categories where categoryID = 1001;

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select \* from products where categoryID = 1001;

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Insert into customers

values('VNET', 'ABC Company', 'Rao' , 'Manager', 'New York', 'USA')

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INSERT INTO orders (orderID,customerID,employeeID,orderDate,requiredDate,shippedDate,shipperID,freight)

VALUES (10239,'VNET',2,'2015-07-04','2015-08-05', '2015-09-16', 2, 32.38),

(10237,'VNET',5,'2018-06-04' ,'2017-03-05','2012-03-16', 2, 38.48),

(10240,'VNET',6,'2018-06-04' ,'2016-02-12','2012-08-22', 2, 54.08)

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UPDATE orders

SET customerid = 'VNET' where orderid in (10239,10237,10240)

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ALTER TABLE orders

ALTER COLUMN customerID DROP NOT NULL;

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SELECT \* FROM customers WHERE customerID = 'VNET';

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SELECT \* FROM orders WHERE customerID = 'VNET';

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AI-generated content may be incorrect.

ALTER TABLE orders

DROP CONSTRAINT IF EXISTS orders\_customerID\_fkey;

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ALTER TABLE orders

Add CONSTRAINT orders\_customerid\_fkey

Foreign Key(customerID)

References customers(customerID)

On Delete Set Null;

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DELETE from customers

WHERE customerid='VNET';

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SELECT \* FROM customers where customerID = 'VNET';

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select \* from orders where customerID is Null;

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INSERT INTO Products (ProductID, productName, quantityPerUnit, unitPrice,discontinued,categoryID),

VALUES (100, 'Wheat bread',1,13,0,3),

(101, '= White bread',5,13,0,3)

ON CONFLICT (ProductID)

DO UPDATE SET

productName = EXCLUDED.productName,

unitPrice = EXCLUDED.unitPrice,

quantityPerUnit = EXCLUDED.quantityPerUnit,

VALUES(100,'Wheat Bread, 1, 13,0,3);

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AI-generated content may be incorrect.

INSERT INTO Products (ProductID, productName, quantityPerUnit, unitPrice,discontinued,categoryID)

VALUES(100,'Wheat Bread', 1,13,'0',3)

ON CONFLICT (ProductID)

DO UPDATE SET

productName = EXCLUDED.productName,

quantityPerUnit = EXCLUDED.quantityPerUnit,

unitPrice = EXCLUDED. unitPrice,

discontinued = EXCLUDED.discontinued,

categoryid = EXCLUDED.categoryid;

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SELECT \* FROM products;

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AI-generated content may be incorrect.

INSERT INTO categories

values(1, 'Beverages','Soft drinks, coffees, teas, beers, and ales')

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select \* from categories order by 1;

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CREATE TABLE updated\_products (

productID INTEGER PRIMARY KEY,

productName VARCHAR(100) NOT NULL,

quantityPerUnit VARCHAR(100),

UnitPrice DECIMAL(10,2),

discontinued BOOLEAN NOT NULL,

categoryID INTEGER,

FOREIGN KEY (categoryID) REFERENCES categories(categoryID)

);

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Insert Into updated\_products(productid, productname, quantityperunit, unitprice, discontinued, categoryid)

Values

(100,'Wheat Bread', 10, 20,'1',3),

(101,'White Bread', '15 boxes',19.9,'0',3),

(102,'Midnight Mango Fizz','24 - 12 oz bottles',19,'0',1),

(103,'Savory Fire Sauce','12 - 550 ml bottles', 10,'0',2);

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select \* from products where productid in(100,101,102,103);

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select \* from categories;

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AI-generated content may be incorrect.