```
#DDL
#1. Create DB
CREATE DATABASE STORE;

#2.Create DB tables
#2.1 Countries table
CREATE TABLE COUNTRIES
(
   code           int primary key,
   name           varchar(20) unique,
   continent_name varchar(20) not null
);

#2.2 Users table
CREATE TABLE USERS
(
   id            int primary key,
   full_name     varchar(20),
   email         varchar(20) unique,
   gender        char(1) check (gender = 'm' or gender = 'f'),
   date_of_birth varchar(15),
   created_at    TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
   country_code  int,
   foreign key (country_code) references COUNTRIES (code)
);

#2.3 Orders table
CREATE TABLE ORDERS
(
   id         int primary key,
   user_id    int,
   foreign key (user_id) references USERS (id),
   status     varchar(6) check (status = 'start' or status = 'finish'),
   created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

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#2.4 Products table
CREATE TABLE PRODUCTS
(
   id         int primary key,
   name       varchar(10) not null,
   price      int default 0,
   status     varchar(10) check (status = 'valid' or status = 'expired'),
   created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

#2.4 Order_products table
CREATE TABLE ORDER_PRODUCTS
(
   order_id   int,
   foreign key (order_id) references ORDERS (id),
   product_id int,
   foreign key (product_id) references PRODUCTS (id),
   quantity   int default 0
);

#####################################################################

#DML
#1. Add new row to the countries table
INSERT INTO COUNTRIES VALUES (1, 'KSA', 'Asia');

#2. Add new row to the users table
INSERT INTO USERS VALUES(1,'Renad Sleh Aljehani',
'renad@gmail.com','f','6-11-2000', NULL, 1);

#3. Add new row to the orders table
INSERT INTO ORDERS VALUES(1,1, 'start', NULL);

#4. Add new row to the products table
INSERT INTO PRODUCTS VALUES(1,'Computer', 760, 'valid', NULL);

#5. Add new row to the order_products table
INSERT INTO ORDER_PRODUCTS VALUES(1,1, 100);
```

#6. Update row from countries table
UPDATE COUNTRIES SET name='Saudi Arabia' WHERE code=1;

#7. Delete row from products table
-- First, delete the associated row(s) in the ORDER_PRODUCTS table where the product is referenced by order_id=1.
-- This ensures that no foreign key constraint violations occur when the product is deleted from the PRODUCTS table.
DELETE FROM ORDER_PRODUCTS WHERE order_id=1;

-- Then, delete the product itself from the PRODUCTS table where the product's ID is 1.
-- Removing the actual product from the database.
DELETE FROM PRODUCTS WHERE id=1;