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CREATE DATABASE store;
CREATE Table countries(
    code int not null primary key ,
    name varchar(20) not null unique,
    continent_name varchar(20) not null
);
CREATE Table users(
    id int not null primary key,
    full_name varchar(20) not null,
    email varchar(20) not null unique,
    gender char(1) check (gender = 'f' or gender = 'm'),
    date_of_birth varchar(15) not null,
    created_at datetime default date (CURRENT_TIMESTAMP),
    country_code int not null,
    foreign key (country_code) references countries(code)
);
CREATE Table orders(
    id int not null primary key ,
    user_id int not null,
    foreign key (user_id) references users(id),
    status varchar(6) check (status = 'start' or status='finish'),
    created_at datetime default date (CURRENT_TIMESTAMP)
);
CREATE Table order_products(
    order_id int not null,
    foreign key (order_id) references orders(id),
    product_id int not null,
    foreign key (product_id) references products(id),
    quantity int default 0
);
CREATE Table products(
    id int not null primary key,
    name varchar(10) not null,
    price int not null default 0,
    staus varchar(10) check (staus = 'valid' or staus = 'expired'),
    created_at datetime default date (CURRENT_TIMESTAMP)
);
#DML
#Add rows to countries table
insert into countries values (5,'Jeddah','Asia');
insert into countries values (6,'Sudan','Africa');
insert into countries values (7,'Egypt','Asia');
#Add rows to users table

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insert into users(id, full_name, email, gender, date_of_birth, country_code) values (8,'Jana Mamdouh Wasfi','janawas@hotmail.com','f','2001-01-30',5);
insert into users(id, full_name, email, gender, date_of_birth, country_code) values (9,'Jenan Mamdouh Wasfi','jenanwas@hotmail.com','f','2007-11-28',6);
insert into users(id, full_name, email, gender, date_of_birth, country_code) values (10,'Tojan Mamdouh Wasfi','tojanwas@hotmail.com','f','2010-6-28',7);
#Add rows to orders table
insert into orders (id, user_id, status) values (11,8,'start');
insert into orders (id, user_id, status) values (12,9,'start');
insert into orders (id, user_id, status) values (13,10,'finish');
#Add rows to products table
insert into products (id, name, staus)values (14,'Laptop','valid');
insert into products (id, name, staus) values (15,'Phone','Expired');
insert into products (id, name, staus) values (16,'Laptop','valid');
#Add rows to order_product table
insert into order_products values (11,14,5);
insert into order_products values (12,15,2);
insert into order_products values (13,16,3);
#Update row from countries table
update countries set name='Saudi Arabia' where code='5';
update countries set name='Somal' where code='6';
update countries set name='Cairo' where code='7';
#Delete row from product table
delete from products where id='14' and name='Laptop';
delete from products where id='15';
delete from products where id='16';

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DELETE FROM order_products
WHERE product_id = (SELECT id FROM products WHERE id='14');
DELETE FROM products
WHERE name='Laptop';

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DELETE FROM order_products
WHERE product_id = (SELECT id FROM products WHERE id='15');
DELETE FROM products
WHERE name='Phone';

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DELETE FROM order_products
WHERE product_id = (SELECT id FROM products WHERE id='16');
DELETE FROM products
WHERE name='Phone';

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