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create database store;

create table countries(
    code int primary key ,
    name varchar(20) ,
    continent_name varchar(20)
);

create table users(
    id int primary key ,
    full_name varchar(20),
    email varchar(20) unique ,
    gender char(1) ,
    date_of_birth varchar(15),
    created_at datetime,
    country_code int ,
    foreign key (country_code) references countries(code)
);

create table orders(
    id int primary key ,
    user_id int ,
    status varchar(6),
    created_at datetime,
    foreign key (user_id) references users(id)
);

create table order_products(
    order_id int ,
    product_id int ,
    quantity int,
    foreign key (order_id) references orders(id),
    foreign key (product_id) references products(id)
);

create table products(
    id int primary key ,
    name varchar(10) not null ,
    price int,
    status varchar(10),
    created_at datetime
);
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alter table countries add constraint unique (name);
alter table countries modify column continent_name
varchar(25) not null ;

alter table users add constraint unique (email);
alter table users add constraint check (gender in ('m',
'f'));

alter table orders add constraint check (status in
('start', 'finish'));

alter table order_products alter quantity set default 0;

alter table products alter price set default 0;
alter table products modify name varchar(10) not null;

-- 1. Add new row to the countries table
insert into countries (code,name, continent_name) values
(111,'Saudi Arabia', 'Riyadh');

-- 2. Add new row to the users table
insert into users (id, full_name, email, gender,
date_of_birth,created_at, country_code) values (2,'naif',
'naif@gmail.com', 'm', '2000-11-11',
current_timestamp,111);

-- 3. Add new row to the orders table
insert into orders (id, user_id, status, created_at)
values (1,2, 'start',current_timestamp);

-- 4. Add new row to the products table
insert into products (id, name, price, status,
created_at) values (1,'Nintendo Switch', 1000,
'valid',current_timestamp);

-- 5. Add new row to the order_products table
insert into order_products (order_id, product_id,
quantity) values (1, 1, 2);

-- 6. Update row from countries table
update countries set name = 'United States' where name =

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'Saudi Arabia';
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-- 7. Delete row from products table
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delete from order_products where product_id = (select id  
from products where name = 'Nintendo Switch');
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delete from products where name = 'Nintendo Switch';
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