introduction to database exercise

```sql
create database store;

create table countries(
    code int primary key,
    name varchar(20) unique,
    continent_name varchar(20) not null
);
create table users(
    id int primary key,
    full_name varchar(20),
    email varchar(20) unique ,
    gender char check(gender = 'f' or gender = 'm'),
    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,
    foreign key (user_id) references users(id),
    status varchar(6) check(status = 'start' or status = 'finish'),
    created_at datetime
);
create table products(
    id int primary key,
```

```sql
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 datetime
);
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
);
insert into countries values( code 123, name 'saudi', continent_name 'asia');
insert into users values( id 135, full_name 'fatimah khaled', email 'ftt2024@gmail.com', gender 'f', date_of_birth '2001-11-11'
                        , created_at '2024-08-08 10:10:00', country_code 123);
insert into orders values( id 112, user_id 135, status 'start', created_at '2024-11-20 12:00:00');
insert into products values( id 987, name 'microwave', price 300, status 'valid', created_at '2024-6-30');
insert into products values( id 654, name 'lamp', price 90, status 'valid', created_at '2024-10-10');
select * from products;
select * from countries;
insert into order_products values( order_id 112, product_id 987, quantity 1);
update countries set name = 'saudi arabia' where code = 123;
delete from products where id=654;
```