

```
create database store;
```

```
create table countries(  
    code int primary key ,  
    name varchar(20) unique,  
    countries_name varchar(20) not null  
  
);
```

```
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),  
    country_code int,  
    foreign key (country_code) references countries(code),  
    created_at TIMESTAMP DEFAULT now()  
  
);
```

```
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 now()  
  
);
```

```
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 now()  
  
);
```

```
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 products values ('1' , 'book' , 55, 'valid' , null );
insert into products values ('2' , 'camera' , 1200, 'expired' , null );
insert into products values ('3' , 'ipad' , 2000, 'valid' , null);

insert into orders values ('1' , '1' , 'start' , null);
insert into orders values ('2' , '3' , 'finish' , null);
insert into orders values ('3' , '3' , 'start' , null);

insert order_products values ('1' , '1' , 9);
insert order_products values ('2' , '2' , 19);
insert order_products values ('3' , '3' , 50);

select * from products;
select * from countries;
select * from orders;
select * from order_products;
select * from orders;

insert into countries values ('+44' , 'UK' , 'Europe');
insert into countries values ('+1' , 'US' , 'North America');
insert into countries values ('+966' , 'KSA' , 'Asia');

insert into users values ('1' , 'nada' , 'n@gmail.com' , 'f' , '1990-02-1' , 44 , null);
insert into users values ('2' , 'khaled' , 'k@gmail.com' , 'm' , '2002-12-5' , 1 , null);
insert into users values ('3' , 'Omar' , 'o@gmail.com' , 'm' , '1998-8-15' , 966, null);

```

```
update countries set name='Saudi Arabia' where code='966';
```

```
delete from order_products where product_id =1;
```

```
DELETE from products where id=1;
```