

```
create database stor ;
```

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

```
);
```

```
create table user(  
    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 datetime default CURRENT_TIMESTAMP,  
    country_code int,  
    foreign key (country_code) references countries(code)
```

```
);
```

```
create table orders(  
    id int primary key ,  
    user_id int ,  
    status varchar(6) check ( status='start' or status='finish' ),  
    created_at datetime default CURRENT_TIMESTAMP,  
    foreign key (user_id) references user(id)
```

```
);
```

```
create table order_products(  
    order_id int,  
    product_id int ,  
    quantity int default 0,  
    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 default 0,  
    status varchar(10) check ( status='valid' or status='expired' ),  
    created_at datetime default CURRENT_TIMESTAMP
```

```
);
```

```
insert into countries (code, name, continent_name)  
values ('1','saudi','Asia');
```

```
insert into user(id, full_name, email, gender, date_of_birth, country_code)
VALUES('1','raghad ahmad','Raghad@gmail.com','f','30/6/2002','1');
```

```
insert into orders (id, user_id, status)
values ('12','1','start');
```

```
insert into Products(id, name, price, status)
values ('1','Water','2','valid');
```

```
insert into products (id, name, price, status)
values ('2','Milk','5','expired');
```

```
insert into order_products (order_id, product_id)
values ('12','1');
```

```
update countries set name ='saudi arabia' where code ='1';
```

```
delete from products where id ='2';
```