



```
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(1) check ( gender = 'm' or gender = 'f' ),
    date_of_birth varchar(15),
    created_at    datetime default (curdate()),
    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 default (curdate())
);
```

```

);
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 (curdate())
);
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 (1,'Saudi Arabia','Asia');
insert into countries values (2,'UK','Europe');
insert into countries values (3,'United status','North America');

update countries set name = 'United kingdom' where code = 2;

insert into users values (1 , 'Basil' , 'Basil@basil.com' , 'm','1997-01-01',
default , 1 );
insert into users values (2 , 'Mohammed' , 'Mohammed@basil.com' , 'm','1997-
01-01', default , 2 );
insert into users values (3 , 'Nora' , 'Nora@basil.com' , 'f','1997-01-01',
default , 2 );
insert into users values (4 , 'Sami' , 'Sami@basil.com' , 'm','1997-01-01',
default , 3 );

insert into orders values (1,1,'start',default);
insert into orders values (2,1,'start',default);
insert into orders values (3,2,'start',default);
insert into orders values (4,3,'start',default);
insert into orders values (5,4,'start',default);

insert into products values (1 , 'Java book',200 , 'valid' ,default);
insert into products values (2 , 'C# book',100 , 'valid' ,default);
insert into products values (3 , 'C++ book',160 , 'expired' ,default);
insert into products values (4 , 'SQL book',213 , 'expired' ,default);
insert into products values (5 , 'Html book',321 , 'valid' ,default);
insert into products values (6 , 'JS book',422 , 'valid' ,default);

delete from products where id = 6;

insert into order_products values (1,1,10);
insert into order_products values (2,3,332);
insert into order_products values (4,3,23);
insert into order_products values (5,2,43);
insert into order_products values (1,3,43);

```

```
insert into order_products values (2,4,4);
insert into order_products values (3,2,4);
insert into order_products values (1,3,55);
insert into order_products values (4,3,55);
```

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

```
/*drop table order_products;
drop table products;
drop table orders;
drop table users;
drop table countries;*/
```