

```
# create the db
create database store;
```

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

```
# create table users
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 current_timestamp,
    country_code  int,
    foreign key (country_code) references countries (code)
);
```

```
# create orders table
create table orders
```

```
(
    id          int primary key,
    status      varchar(6) check ( status = 'start' or status
= 'finish'),
    created_at  datetime default current_timestamp,
    user_id     int,
    foreign key (user_id) references users (id)
);
```

```
# create table products
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
);
```

```
# create order_products table
create table order_products (
    order_id int,
    product_id int,
    quantity int default (0),
    PRIMARY KEY (order_id, product_id),
    FOREIGN KEY (order_id) REFERENCES orders(id),
    FOREIGN KEY (product_id) REFERENCES products(id)
```

```
);
```

```
# new row to the countries table  
insert into countries values (1,'Saudi Arabia','africa');
```

```
# new row to the users table  
insert into users values  
(123,'ahmed','ahmed@gmail.com','m','october 25',default,1);
```

```
# new row to the orders table  
insert into orders values (456,'start',default,123);
```

```
# new row to the products table  
insert into products values (789,'iphone  
16',50,'valid',default);
```

```
# new row to the order_product table  
insert into order_products values (456,789,5);
```

```
# update row form countries table  
update countries set continent_name='asia' where code='1';
```

```
# delete a product from product table  
insert into products values (55,'samsung  
22',1000,'expired',default);
```

```
delete from products where id=55;
```

