



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 states','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;*/
```