

```

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

create table users (

    id int auto_increment primary key,
    full_name varchar(20) not null,
    email varchar(20) unique not null,
    gender CHAR(1) not null 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 products (
    id int auto_increment primary key,
    name varchar(10) not null,
    price int not null default 0,
    status varchar(10) not null check ( status = 'valid' or status = 'expire'),
    created_at datetime default current_timestamp
);

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create table orders (
    id int auto_increment primary key,
    user_id int not null,
    status varchar(6) not null check ( status = 'start' or status = 'finish' ),
    created_at datetime default current_timestamp,
    foreign key (user_id) references users(id)
);

create table order_products (
    order_id int unique not null,
    product_id int unique not null ,
    quantity int not null default 0,
    foreign key (order_id) references orders(id),
    foreign key (product_id) references products(id)
);

insert into countries values ( code '966', name 'saudi', continent_name 'Asia');

insert into users (full_name, email, gender, date_of_birth, country_code)
values ( full_name 'salem almotiry', email 'test@mail.com', gender 'm', date_of_birth '1890/9/9', country_code '966');

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57
58 insert into products (name, price, status)
59 values ( name 'PS5 Pro', price 700, status 'valid');
60
61
62 insert into order_products (order_id,product_id,quantity)
63 values ( order_id 1, product_id 1, quantity 1);
64
65
66 update countries set name = 'KSA' where code = 966;
67
68 ✓ DELETE FROM order_products WHERE product_id = 1;
69 ✓ DELETE FROM products WHERE id = 1;
70
71

```

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drop database store;
create database if not exists store;
use store;

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

create table users (

    id int auto_increment primary key,
    full_name varchar(20) not null,
    email varchar(20) unique not null,
    gender CHAR(1) not null 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 products (
    id int auto_increment primary key,
    name varchar(10) not null,
    price int not null default 0,
    status varchar(10) not null check ( status = 'valid' or status =
'expire'),
    created_at datetime default current_timestamp
);

```

```
create table order_products (
  order_id int unique not null,
  product_id int unique not null ,
  quantity int not null default 0,
  foreign key (order_id) references orders(id),
  foreign key (product_id) references products(id)
);

create table order_products (
  order_id int unique not null,
  product_id int unique not null ,
  quantity int not null default 0,
  foreign key (order_id) references orders(id),
  foreign key (product_id) references products(id)
);

insert into countries values ('966','saudi','Asia');

insert into users (full_name, email, gender, date_of_birth, country_code)
values ('salem almotiry', 'test@mail.com', 'm', '1890/9/9', '966');

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

insert into products (name, price, status)
values ('PS5 Pro', 700, 'valid');

insert into order_products (order_id, product_id, quantity)
values (1, 1, 1);

update countries set name = 'KSA' where code = 966;

DELETE FROM order_products WHERE product_id = 1;
DELETE FROM products WHERE id = 1;
```