

```
#DDL - Create
```

```
create database store;
```

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

```
create table users (  
    id int primary key ,  
    full_name varchar(20) not null,  
    email varchar(20) unique ,  
    gender char(1) not null check ( gender = 'm' or gender = 'f' ) ,  
    date_of_birth varchar(15) not null ,  
    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 ,  
    foreign key (user_id) references users(id) ,  
    status varchar(6) check ( status = 'start' or status = 'finish' ) ,  
    created_at datetime default current_timestamp  
);
```

```
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 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)  
);
```

```
# -----
```

```
#DML - Insert
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```
insert into countries values (1, 'Saudi Arabia', 'Middle East');  
insert into users (id, full_name, email, gender, date_of_birth, country_code) values  
(1, 'Nawaf Almutairi', 'nawaf@gmail.com', 'm', '2001-04-15', '1');  
insert into orders (id, user_id, status) values (1, 1, 'Start');  
insert into products (id, name, price, status) values (1, 'iPhone', 500, 'valid');  
insert into order_products values (1, 1, 2);
```

```
# -----
```

```
#DQL - Select
```

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

```
# -----  
  
#DML - Update  
  
update countries set name = 'Kuwait' where code = '1';  
  
# -----  
  
#DML - Delete  
  
delete from products where id = '1';
```