**DDL commands**

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 ,  
 country\_code int ,  
 foreign key (country\_code) references countries (code)  
 );  
  
create table orders(  
 id int primary key,  
 user\_id int ,  
 status varchar(6) check ( status='start'or status='finish' ),  
 created\_it datetime ,  
 foreign key (user\_id) references users (id)  
 );  
  
  
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\_it datetime  
);  
  
  
create table order\_products(  
 order\_id int primary key ,  
 product\_id int,  
 quantity int default 0,  
 foreign key (order\_id) references orders (id) ,  
 foreign key (product\_id) references products (id)  
 );

**DML commands**  
  
insert into countries values (1 ,'saudi arabia' , 'Asia');  
  
insert into users values (1 ,'Reem Alharbi' , 'Reemabdull@gmail.com','f','1997-9-19','2022-4-17 13:4:17',1);  
  
insert into orders values (1 ,1 , 'start','2022-4-17 20:4:17');  
  
insert into products values (1 ,'iPhone 12', 3000, 'valid','2020-10-23 10:04:17');  
insert into products values (2 ,'iPhone 11', 2400, 'valid','2019-09-20 08:04:17');  
  
insert into order\_products values (1 ,1, 2);  
  
update countries set name='KSA' where code=1;  
  
delete from product where id= 2;