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create database store;

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

select * from countries ;

create table users(
    id int primary key ,
    full_name varchar(20) ,
    email varchar(20) unique ,
    gender char check ( gender = 'm' or gender = 'f' ) ,
    date_of_birth varchar(15) ,
    created_at datetime ,
    country_code int ,
    foreign key (country_code) references countries(code)
);

select * from users ;

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

select * from orders ;

create table order_products(
    quantity int(0) ,
    order_id int ,
    product_id int unique ,
    foreign key (order_id) references orders(id) ,
    foreign key (product_id) references products(id)
);

select * from order_products ;

create table products(
    id int primary key ,
    name varchar(10) not null ,
    price int(0) ,
    status varchar(10) check ( status = 'valid' or status = 'expired' ) ,
    created_at datetime default now()
);

select * from products ;

#DML

insert into countries values (1 , 'KSA' , 'riyadh');

insert into users values (2 , 'ghada mohammad' , 'ghada@gmail.com' , 'm' , '2000-03-09',
'2024-03-21 14:22:19' , 1);

insert into orders values (1 , 'start' , '2024-03-21 14:22:19' , 1);

insert into products values (1 , 'ghada' , 2000 , 'valid' , '2024-03-21 14:22:19' );

insert into order_products values (1 , 1, 1 );

update countries set name = 'ksa' where code = 1 ;

delete from products where id = 1 ;

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