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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 varchar(1) check ( gender='m'or gender='f' ),
    date_of_birth DATE,
    created_at TIMESTAMP default CURRENT_TIMESTAMP ,
    country_code int ,
    foreign key (country_code) references countries(code)
);

create table orders(
    id int primary key ,
    status varchar(6)check ( status='start' or status=('finish') ),
    user_id int ,
    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_at TIMESTAMP default CURRENT_TIMESTAMP
);
create table order_products(
    quantity int default 0,
    order_id int,
    foreign key (order_id)references orders(id),
    product_id int,
    foreign key (product_id)references products(id)
);

# DQL - select
select * from users;
select *from countries;
select * from products;
select * from order_products;
select * from orders;

# DML - insert
insert into countries values('123','KSA','Asia');
insert into countries values('234','UAE','Asia');
insert into countries values('345','Egypt','Africa');
insert into countries values('340','USA','America');
select * from countries;

insert into users (id, full_name, email, gender, date_of_birth,
country_code)values('1','Sara','sar@email.com','f','2000-01-
01','123');
insert into users (id, full name, email, gender, date of birth,

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country_code) values ('2', 'Maha', 'mha@email.com', 'f', '2001-07-
01', '234');
insert into users (id, full_name, email, gender, date_of_birth,
country_code) values ('3', 'Ahmed', 'ahmd@email.com', 'm', '1999-01-
01', '345');
insert into users(id, full_name, email, gender, date_of_birth,
country_code) values ('4', 'Muhand', 'Mohnd@email.com', 'm', '1999-01-
01', '340');
select * from users;

insert into orders values ('11', 'start', '1');
insert into orders values ('22', 'start', '2');
insert into orders values ('33', 'finish', '3');
select * from orders;

insert into products (id, name, price, status)
values ('1', 'dress', '500', 'valid');
insert into products (id, name, price, status)
values ('10', 'dress', '800', 'valid');
insert into products (id, name, price, status)
values ('20', 'phone', '5000', 'valid');
insert into products (id, name, price, status)
values ('30', 'computer', '2000', 'expired');
select * from products;

insert into order_products values ('30', '11', '10');
insert into order_products values ('5', '11', '1');
insert into order_products values ('10', '22', '20');
insert into order_products values ('8', '33', '30');
select * from order_products;

# DML - update
update countries set continent_name='middel east' where
code='234';
select * from countries;
# DML - delete
delete from products where id='1';
select * from products;

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