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# DDL - Create
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),
    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 TIMESTAMP 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 TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
  
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create table order_products(
    order_id int,
    foreign key (order_id) references orders(id),
    product_id int,
    foreign key (product_id) references products(id),
    quantity int default 0
);

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# DDL - Alter

alter table users add column created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;

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# DQL - Select

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

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# DML - Insert

insert into countries values (1,'Saudi Arabia','Dammam');
insert into countries values (2,'Bahrain','Manama');

insert into users values (1,'nahj alabbad','nahj@gmail.com','f','10-12-1999',1,CURRENT_TIMESTAMP);
insert into users values (2,'mansour alabbad','mansour@gmail.com','m','25-08-1985',1,CURRENT_TIMESTAMP);

insert into orders values (1,1,'start',CURRENT_TIMESTAMP);
insert into orders values (2,2,'finish',CURRENT_TIMESTAMP);

insert into products values (1,'skin care',135,'valid',CURRENT_TIMESTAMP);
insert into products values (2,'Laptop',4500,'expired',CURRENT_TIMESTAMP);

insert into order_products values (1,2,3);
insert into order_products values (2,1,10);

# -----

# DML - Update

update countries set continent_name='Riyadh' where code=1;

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# DML - Delete

delete from order_products where product_id=1;
delete from products where id=1

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