

```
create database store;
```

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

#1. Add new row to the countries table.

```
insert into countries value ( code 001, name 'Saudi Arabia', continent_name 'Asia');
```

```
insert into countries value ( code 002, name 'The UAE', continent_name 'Asia');
```

```
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_cod int ,  
    foreign key (country_cod) references countries (code)  
);
```

#2. Add new row to the users table.

```
insert into users (id, full_name, email, gender, date_of_birth, country_cod) value ( id 111, full_name 'bayan sameer',  
email 'b@hotmail', gender 'f', date_of_birth '10-6', country_cod 001);
```

```
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  
);
```

#3. Add new row to the orders table.

```
insert into orders (id, user_id, status) value ( id 221, user_id 111, status 'start');
```

```
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  
);
```

#4. Add new row to the products table.

```
insert into products (id, name, price, status) value ( id 331, name 'phone', price 1555, status 'valid');
```

```
insert into products (id, name, price, status) value ( id 332, name 'laptop', price 4000, status 'valid');
```

```
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  
);
```

#5. Add new row to the order_products table.

```
insert into order_products value ( order_id 221, product_id 331, quantity 5);
```

```
alter table products modify column created_at datetime default current_timestamp;
```

```
alter table orders modify column created_at datetime default current_timestamp;
```

```
alter table users modify column created_at datetime default current_timestamp;
```

#6. Update row from countries table.

```
update countries set name='Korea' where code=002;
```

#7. Delete row from products table

```
delete from products where id=332;
```

The screenshot shows a database client interface with a sidebar on the left displaying a tree view of database objects. The main area shows the 'users' table with a single row of data. The table has columns: id, full_name, email, gender, date_of_birth, created_at, and country_cod. The row contains the values: 1, 111 bayan sameer, b@hotmail, f, 10-6, 2024-11-27 14:52:35, and 1.

id	full_name	email	gender	date_of_birth	created_at	country_cod
1	111 bayan sameer	b@hotmail	f	10-6	2024-11-27 14:52:35	1

The screenshot shows a database client interface with a sidebar on the left displaying a tree view of database objects. The main area shows the 'products' table with a single row of data. The table has columns: id, name, price, status, and created_at. The row contains the values: 1, 331 phone, 1555, valid, and 2024-11-27 14:56:10.

id	name	price	status	created_at
1	331 phone	1555	valid	2024-11-27 14:56:10

