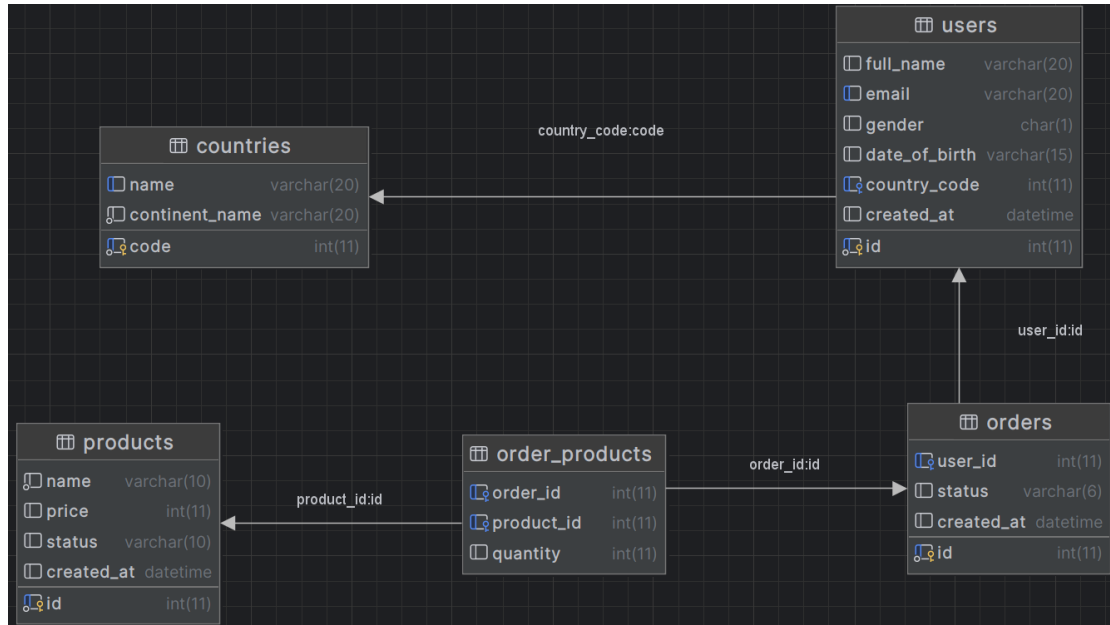


1. Create database named " store ".

create database store;

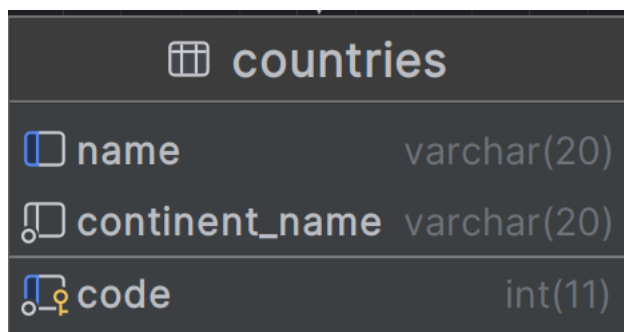
```
create database store;
```



2. Create table countries.

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

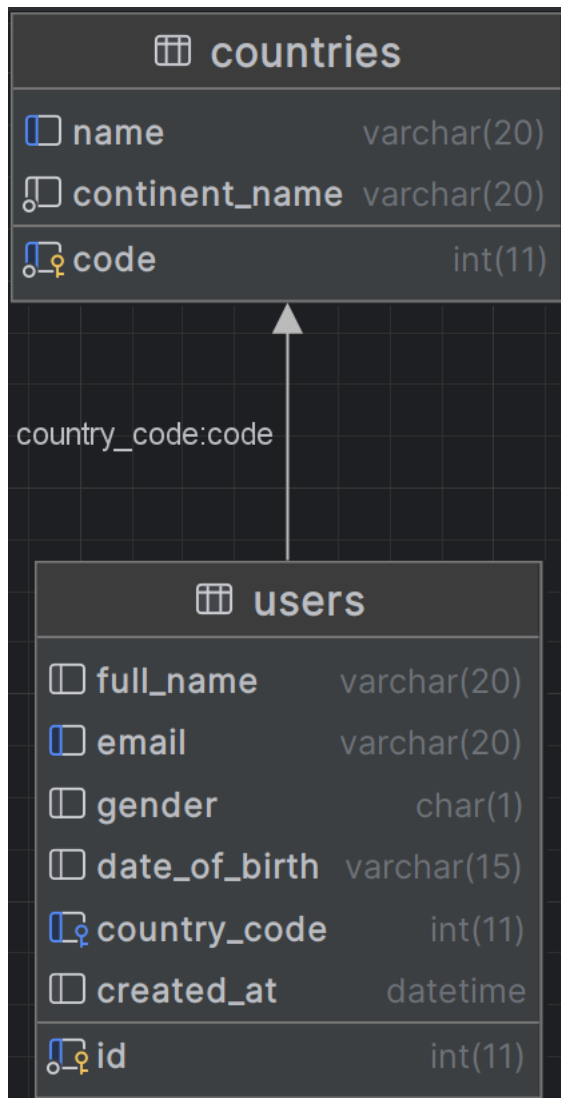
```
create table countries(  
    code int primary key,  
    name varchar(20) unique,  
    continent_name varchar(20) not null  
);
```



3. Create table users.

```
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),  
  created_at datetime default current_timestamp  
);
```

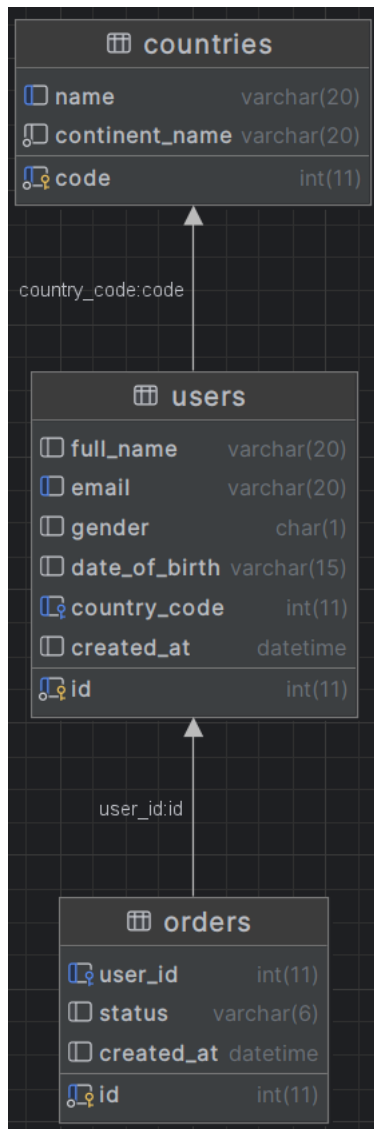
```
create table users(  
  id int primary key,  
  full_name varchar(20),  
  email varchar(20) unique ,  
  gender char(1) check ( gender='m' or gender='f' ),  
  date_of_birth varchar(15),  
  country_code int,  
  foreign key (country_code) references countries (code),  
  created_at datetime default current_timestamp  
);
```



4. Create table orders.

```
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 default now()  
);
```

```
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 default now()  
);
```



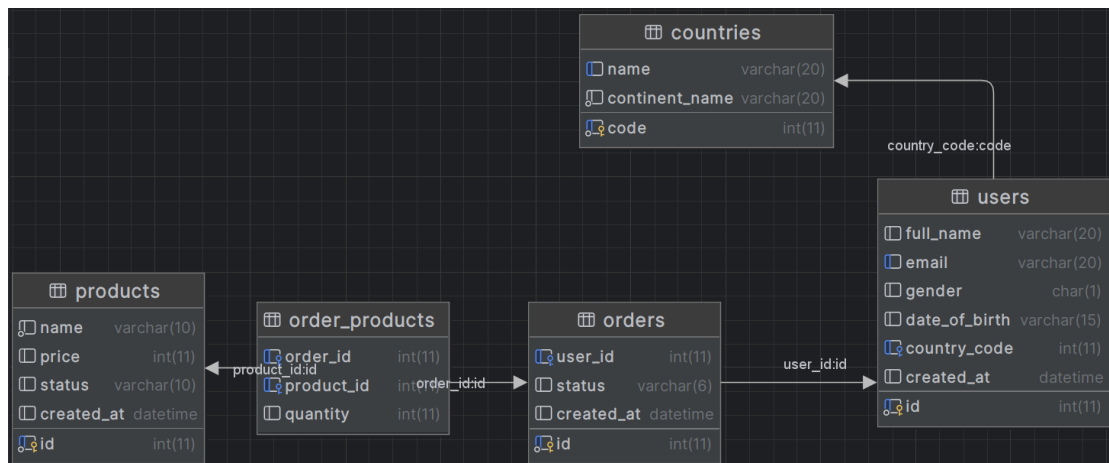
5. Create table `order_products`.

```
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  
);
```

```

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
);

```



6. Create table products.

```

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 default now()
);

```

```

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 default now()
);

```

products	
name	varchar(10)
price	int(11)
status	varchar(10)
created_at	datetime
id	int(11)

1. Add new row to the countries table.

```
insert into countries values (966,'Saudi Arabia','Asia');
```

```
insert into countries values (666,'DOOM','Mars');
```

```
insert into countries values ( code 966, name 'Saudi Arabia', continent_name 'Asia');
insert into countries values ( code 666, name 'DOOM', continent_name 'Mars');
```

```
select * from countries;
```

	code	name	continent_name
1	666	DOOM	Mars
2	966	Saudi Arabia	Asia

2. Add new row to the users table.

```
insert into users values (1000000000,'Waleed
```

```
Althubyani','WaleedAl@gmail.com','m','21/03/1995',966,default);
```

```
insert into users values ( id 1000000000, full_name 'Waleed Althubyani', email 'WaleedAl@gmail.com', gender 'm',
date_of_birth '21/03/1995', country_code 966, created_at default);
```

```
select * from users;
```

id	full_name	email	gender	date_of_birth	country_code	created_at
1000000000	Waleed Althubyani	WaleedAl@gmail.com	m	21/03/1995	966	2024-11-27 15:50:41

3. Add new row to the orders table.

```
insert into orders values (12345,1000000000,'start',default);
```

```
insert into orders values ( id 12345, user_id 1000000000, status 'start', created_at default);
```

```
select * from orders;
```

id	user_id	status	created_at
1	12345	1000000000	start
			2024-11-27 15:51:05

4. Add new row to the products table.

```
insert into products values (001,'Best log',518,'valid',default);
```

```
insert into products values (2,'Toy',500,'expired',default);
```

```
insert into products values ( id 001, name 'Best log', price 518, status 'valid', created_at default);
insert into products values ( id 2, name 'Toy', price 500, status 'expired', created_at default);
```

```
select * from products;
```

	id	name	price	status	created_at
1	1	Best log	518	valid	2024-11-27 15:51:07
2	2	Toy	500	expired	2024-11-27 15:56:49

5. Add new row to the order\_products table.

```
insert into order_products values (12345,001,5);
```

```
insert into order_products values (12345,001,default);
```

```
insert into order_products values ( order_id 12345, product_id 001, quantity 5);
insert into order_products values ( order_id 12345, product_id 001, quantity default);
```

```
select * from order_products;
```

	order_id	product_id	quantity
1	12345	1	5
2	12345	1	0

6. Update row from countries table.

```
update countries set continent_name='Hell' where code=666;
```

```
update countries set continent_name='Hell' where code=666;
```

```
select * from countries;
```

	code	name	continent_name
1	666	DOOM	Hell
2	966	Saudi Arabia	Asia

7. Delete row from products table.

```
delete from products where id = 2;
```

```
delete from products where id = 2;
```

```
select * from products;
```

	id	name	price	status	created_at
1	1	Best log	518	valid	2024-11-27 15:51:07

```
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),  
  created_at datetime default current_timestamp  
);
```

```
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 default now()  
);
```

```
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  
);
```

```
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 default now()  
);
```

```
insert into countries values (966,'Saudi Arabia','Asia');  
insert into countries values (666,'DOOM','Mars');
```

```
select * from countries;
```



```
insert into users values (1000000000,'Waleed  
Althubyani','WaleedAl@gmail.com','m','21/03/1995',966,default);
```

```
select * from users;
```

```
insert into orders values (12345,1000000000,'start',default);
```

```
select * from orders;
```

```
insert into products values (001,'Best log',518,'valid',default);
```

```
insert into products values (2,'Toy',500,'expired',default);
```

```
select * from products;
```

```
insert into order_products values (12345,001,5);
```

```
insert into order_products values (12345,001,default);
```

```
select * from order_products;
```

```
update countries set continent_name='Hell' where code=666;
```

```
delete from products where id = 2;
```