create database stores;  
create table countries(  
 code int(20) primary key ,  
 name varchar(20)not null ,  
 continent\_name varchar(20)not null  
);  
create table users(  
 id int primary key ,  
 full\_name varchar(20) not null ,  
 email varchar(20)not null ,  
 gender char(1)not null ,  
 date\_of\_birth varchar(15) not null ,  
 created\_at datetime,  
 country\_code int ,  
 foreign key (country\_code) references countries(code)  
);  
create table orders(  
 id int primary key ,  
 status varchar(6) not null ,  
 created\_at datetime,  
 user\_id int,  
 foreign key (user\_id)references users(id)  
);  
create table products(  
 id int primary key ,  
 name varchar(10)not null ,  
 price int not null ,  
 status varchar(10),  
 created\_at datetime  
);  
create table order\_products(  
 quantity int not null ,  
 order\_id int ,  
 product\_id int,  
 foreign key (order\_id)references orders(id),  
 foreign key (product\_id) references products(id)  
);  
  
insert into countries values (1,'java','cors');  
delete from countries where code=1;  
  
alter table countries  
 modify column name varchar(20) unique;  
alter table users  
modify column email varchar(20)unique ;  
alter table users  
modify column gender char(1) check ( gender='m'or gender ='f');  
alter table orders  
modify column status varchar(6) check ( status='status'or status='finish');  
alter table order\_products  
modify column quantity int default 0;  
alter table products  
modify column status varchar(10) check ( status='valid'or status='expired');

insert into countries values (1,'java','cors'),(2,'python','cors');  
delete from countries where code=1 ;  
delete from countries where code=2 ;  
insert into countries values (1,'Hail','asia'),(2,'riyadh','asia'),(3,'ar`ar','asia');  
delete from countries where code=1 ;  
alter table products  
modify column created\_at datetime default *current\_timestamp*;  
  
insert into users values (1,'yousef','yousef@gmail.com','m','1419-9-20',*current\_timestamp*,1);  
insert into users values (2,'bader','bader@gmail.com','m','1405-8-29',*current\_timestamp*,2);  
insert into users values (3,'bander','bander@gmail.com','m','1405-8-29',*current\_timestamp*,3);  
  
insert into orders values (1,'status',*current\_timestamp*,2),(2,'finish',*current\_timestamp*,3),(3,'status',*current\_timestamp*,2);  
insert into products values (1,'phone',50,'valid',*current\_timestamp*);  
insert into products values (2,'acr',800,'valid',*current\_timestamp*);  
insert into products values (3,'acr',120,'valid',*current\_timestamp*);  
insert into order\_products values (3,3,2);  
insert into order\_products values (2,2,3);  
insert into order\_products values (3,2,1);  
update countries set continent\_name='Jeddah' WHERE code =2;  
delete from order\_products where quantity =2;  
delete from products where id =3;