create database production;

\c production

create table product (prod varchar(2), pname varchar(15), price decimal);

create table depot (dep varchar(2), addr varchar(15), volumme int);

create table stock (prod varchar(2), dep varchar(2), quantity int);

insert into product (prod,pname,price) values('p1','tape','2.5');

insert into product (prod,pname,price) values('p2','tv','250');

insert into product (prod,pname,price) values('p3','ver','80');

insert into depot (dep,addr,volumme) values('d1','New York','9000');

insert into depot (dep,addr,volumme) values('d2','Syracuse','6000');

insert into depot (dep,addr,volumme) values('d4','New York','2000');

insert into stock (prod,dep,quantity) values('p1','d1','1000');

insert into stock (prod,dep,quantity) values('p1','d2','-100');

insert into stock (prod,dep,quantity) values('p1','d4','1200');

insert into stock (prod,dep,quantity) values('p3','d1','3000');

insert into stock (prod,dep,quantity) values('p3','d4','1500');

insert into stock (prod,dep,quantity) values('p2','d1','-400');

insert into stock (prod,dep,quantity) values('p2','d2','2000');

alter table product add constraint pk\_prod\_product primary key (prod);

alter table depot add constraint pk\_dep\_depot primary key (dep);

alter table stock add constraint fk\_depot\_dep foreign key(dep) references depot(dep) on delete cascade;

alter table stock add constraint fk\_prod\_product foreign key(prod) references product(prod) on delete cascade;