create database assignment\_6;  
create table locations(  
 location\_id serial primary key,  
 stream\_address varchar(25),  
 postal\_code varchar(12),  
 city varchar(30),  
 state\_province varchar(12)  
);  
  
create table departments(  
 department\_id serial primary key,  
 department\_name varchar(50) unique,  
 budget integer,  
 location\_id integer references locations  
);  
  
create table employees(  
 employee\_id serial primary key,  
 first\_name varchar(50),  
 last\_name varchar(50),  
 email varchar(50),  
 phone\_number varchar(20),  
 salary integer,  
 department\_id integer references departments(department\_id)  
);  
  
insert into locations(location\_id, stream\_address, postal\_code, city, state\_province)  
values (1700, 'Abay\_Lenina', '512456', 'Almaty', 'Kazakhstan');  
  
insert into locations(location\_id, stream\_address, postal\_code, city, state\_province)  
values (1800, 'Abernathy', '512895', 'Ambulants', 'Turkey');  
  
insert into locations(location\_id, stream\_address, postal\_code, city, state\_province)  
values (1900, 'Rozybakieva', '657589', 'Astana', 'Kazakhstan');  
  
insert into locations(location\_id, stream\_address, postal\_code, city, state\_province)  
values (2000, 'BitBake', '134512', 'Tal-gar', 'China');  
  
insert into locations(location\_id, stream\_address, postal\_code, city, state\_province)  
values (2100, 'Maharajahs', '512895', 'Kavya', 'Brazil');  
  
insert into departments(department\_id, department\_name, budget, location\_id)  
values (30, 'Purchasing', 114, 1700);  
  
insert into departments(department\_id, department\_name, budget, location\_id)  
values (50, 'Shipping', 121, 1800);  
  
insert into departments(department\_id, department\_name, budget, location\_id)  
values (60, 'IT', 156, 1700);  
  
insert into departments(department\_id, department\_name, budget, location\_id)  
values (70, 'Public Relations', 204, 2000);  
  
insert into departments(department\_id, department\_name, budget, location\_id)  
values (80, 'Sales', 145, 2100);  
  
insert into employees(employee\_id, first\_name, last\_name, email, phone\_number, salary, department\_id)  
values (100, 'Steven', 'King', 'SKING', '515.123.4567', 24000, 80);  
  
insert into employees(employee\_id, first\_name, last\_name, email, phone\_number, salary, department\_id)  
values (101, 'Nurtas', 'Serikkanov', 'nurtas\_serikkanov@mail.ru', '8-700-515-10-17', 2100000, 60);  
  
delete from employees where email='nurtas\_serikkanov@mail.ru';  
  
insert into employees(employee\_id, first\_name, last\_name, email, phone\_number, salary, department\_id)  
values (104, 'Alexander', 'Hunold', 'AHUNOLD', '590.423.4567', 980000, 70);  
  
insert into employees(employee\_id, first\_name, last\_name, email, phone\_number, salary, department\_id)  
values (102, 'Kairat', 'Berikov', 'berikov@mail.ru', '8-707-685-59-26', 42500, 30);  
  
insert into employees(employee\_id, first\_name, last\_name, email, phone\_number, salary, department\_id)  
values (103, 'Neena', 'Kochhar', 'NKOCHHAR', '515.123.4568', 350000, 50);  
  
-- 4  
select first\_name, last\_name, department\_id, department\_name from employees join departments using (department\_id);  
  
-- 5  
select first\_name, last\_name, department\_id, department\_name  
from employees join departments using(department\_id)  
where department\_id=80 or department\_id=30;  
  
-- 6  
select e.first\_name, e.last\_name, e.department\_id, l.city, l.state\_province  
from employees e join departments d on (e.department\_id=d.department\_id)  
 join locations l using (location\_id);  
  
-- 7  
select \* from departments d  
 left outer join employees e on d.department\_id = e.department\_id;  
  
-- 8  
select first\_name, last\_name, e.department\_id, department\_name from employees e  
 join departments d on e.department\_id = d.department\_id;  
  
-- 9  
select last\_name, first\_name, city from employees  
 join locations on employee\_id = location\_id where city ='Moscow';