

```
create table employee(  
    employee_name varchar(100),  
    street varchar(100),  
    city varchar(100)  
);
```

```
create table works(  
    employee_name varchar(100),  
    company_name varchar(100),  
    salary decimal(10,2)  
);
```

```
create table company(  
    company_name varchar(100),  
    city varchar(100)  
);
```

```
create table manages(  
    employee_name varchar(100),  
    manager_name varchar(100)  
);
```

```
insert into employee(employee_name,street,city)  
values('John Doe', '123 elm st', 'New York');
```

```
insert into employee(employee_name,street,city)  
values('Jane Smith', '456 elm st', 'Los Angeles');
```

```
insert into employee(employee_name,street,city)  
values('Alice Johnson', '789 pine st', 'Chicago');
```

```
insert into employee(employee_name,street,city)  
values('Bob brown', '101 Maple st', 'San Francisco');
```

```
insert into employee(employee_name,street,city)  
values('Charlie Davis', '202 Birch st', 'New York');
```

```
insert into works (employee_name, company_name, salary)
```

```
values('John Doe', 'First Bank Corporation', 12000);
```

```
insert into works (employee_name, company_name, salary)
```

```
values('Jane Smith', 'Tech Innovations', 15000);
```

```
insert into works (employee_name, company_name, salary)
```

```
values('Alice Johnson', 'First Bank Corporation', 25000);
```

```
insert into works (employee_name, company_name, salary)
```

```
values('Bob Brown', 'First Bank Corporation', 18000);
```

```
insert into works (employee_name, company_name, salary)
```

```
values('Charlie Davis', 'Tech Innovations', 22000);
```

```
insert into company(company_name, city)
```

```
values('First Bank Corporation', 'New York');
```

```
insert into company(company_name, city)
```

```
values('Tech Innovations', 'Los Angeles');
```

```
insert into manages (employee_name,manager_name)
```

```
values('John Doe','Alice Johnson');
```

```
insert into manages (employee_name,manager_name)
```

```
values('Jane Smith', 'Charlie Davis');
```

```
insert into manages (employee_name,manager_name)
```

```
values('Alice Johnson', 'Bob Brown');
```

```
insert into manages (employee_name,manager_name)
```

```
values('Bob Brown', 'Alice Johnson');
```

```
insert into manages (employee_name,manager_name)
```

```
values('Charlie Davis', 'John Doe');
```

```
SELECT * FROM employee;
```

```
SELECT * FROM works;
```

```
SELECT * FROM company;
```

```
SELECT * FROM manages;
```

```
SELECT e.employee_name, e.street, e.city  
FROM employee e  
JOIN works w ON e.employee_name = w.employee_name  
WHERE w.company_name = 'First Bank Corporation'  
AND w.salary > 10000;
```

```
SELECT e.employee_name  
FROM employee e  
JOIN works w ON e.employee_name = w.employee_name  
JOIN company c ON w.company_name = c.company_name  
WHERE e.city = c.city;
```

```
SELECT AVG(salary) AS average_salary  
FROM works  
WHERE company_name = 'First Bank Corporation';
```

```
UPDATE works  
SET salary = salary * 1.15  
WHERE company_name = 'First Bank Corporation'  
AND salary < 20000;
```

```
SELECT * FROM works WHERE company_name = 'First Bank Corporation';
```