

Subquery Practice

```
CREATE TABLE Employees (  
    Employee_id INTEGER PRIMARY KEY,  
    First_Name VARCHAR(30),  
    Last_Name VARCHAR(30),  
    Salary REAL,  
    Manager_Id INT,  
    Department_Id INT REFERENCES Departments  
);
```

```
CREATE TABLE Departments(  
    Department_Id INTEGER PRIMARY KEY,  
    Department_Name VARCHAR(30),  
    Manager_Id INT,  
    Location_Id INT REFERENCES Locations,  
);
```

```
CREATE TABLE Locations(  
    Location_Id INTEGER PRIMARY KEY,  
    City VARCHAR(30),  
    State VARCHAR(30),  
    Country_Id VARCHAR(2),  
);
```

Problems:

1. Write a query to find the first name, last name, and salary of the employees whose salary is greater than every department's average salary.

2. Write a query to find the first name, last name, and salary of the employees who earn more than the average salary and work in the IT department.

3. Write a query to find the first name and last name of the employees who have a manager and work in a US based department.