To answer this question, I created the tables using the provided data.
The two queries are located at the bottom of the file.

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CREATE TABLE jobs (
    job_id int PRIMARY KEY,
    job_title VARCHAR(35) NOT NULL,
    min_salary decimal,
    max_salary decimal
);
CREATE TABLE departments (
    department_id int PRIMARY KEY,
    department_name VARCHAR(35) NOT NULL,
    location_id int
);
CREATE TABLE employees (
    employee_id int PRIMARY KEY,
    first_name VARCHAR(20),
    last_name VARCHAR(25) NOT NULL,
    email VARCHAR(25) NOT NULL,
    phone_number VARCHAR(20),
    hire_date DATE NOT NULL,
    job_id int NOT NULL,
    salary decimal NOT NULL,
    manager_id int,
    department_id int,
    FOREIGN KEY (job_id) REFERENCES jobs(job_id),
    FOREIGN KEY (department_id) REFERENCES departments(department_id)
);

INSERT INTO jobs(job_id, job_title, min_salary, max_salary) VALUES (1,
"Administration Assistant", 1500, 2000);
INSERT INTO jobs(job_id, job_title, min_salary, max_salary) VALUES (2,
"Marketing Manager", 1200, 3000);
INSERT INTO jobs(job_id, job_title, min_salary, max_salary) VALUES (3,
"Purchasing Manager", 2200, 3500);
INSERT INTO jobs(job_id, job_title, min_salary, max_salary) VALUES (4,
"Purchasing clerk", 1100, 2000);
INSERT INTO jobs(job_id, job_title, min_salary, max_salary) VALUES (5,
"Marketing Representative", 1000, 1600);

INSERT INTO departments(department_id, department_name, location_id)
VALUES (1, "Administration", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (2, "Marketing", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (3, "Purchasing", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (4, "Human Resources", 2);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (5, "Shipping", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (6, "IT", 1);
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INSERT INTO departments(department_id, department_name, location_id)
VALUES (7, "Public Relations", 2);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (8, "Sales", 2);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (9, "Executive", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (10, "Finance", 1);
INSERT INTO departments(department_id, department_name, location_id)
VALUES (11, "Accounting", 1);

INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1001, "Jennifer", "Whalen", "jwhalen@example.com", "555-1234",
"2020-03-15", 1, 45000, 101, 1);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1002, "Michael", "Hartstein", "mhartstein@example.com", "555-
5678", "2018-06-22", 2, 80000, 102, 2);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1003, "Pat", "Fay", "pfay@example.com", "555-8765", "2019-01-10",
2, 50000, 102, 8);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1004, "Den", "Raphaely", "draphaely@example.com", "555-2345",
"2017-04-25", 3, 75000, 103, 5);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1005, "Alexander", "Khoo", "akhoo@example.com", "555-7890",
"2020-11-12", 5, 40000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1006, "Shelli", "Baida", "sbaida@example.com", "555-4567", "2019-
07-30", 3, 38000, 104, 10);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1007, "Sigal", "Tobias", "stobias@example.com", "555-6789",
"2021-02-18", 4, 37000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1008, "Guy", "Himuro", "ghimuro@example.com", "555-9876", "2018-
11-05", 5, 36000, 104, 7);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1009, "Karen", "Colmenares", "kcolmenares@example.com", "555-
5432", "2022-04-03", 3, 35000, 104, 11);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1010, 'Jennifer', 'Whalen', 'jwhalen@example.com', '555-1234',
'2020-03-15', 1, 45000, 101, 1);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
```

```sql
VALUES (1011, 'Michael', 'Hartstein', 'mhartstein@example.com', '555-
5678', '2018-06-22', 2, 80000, 102, 2);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1012, 'Pat', 'Fay', 'pfay@example.com', '555-8765', '2019-01-10',
2, 50000, 102, 2);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1013, 'Den', 'Raphaely', 'draphaely@example.com', '555-2345',
'2017-04-25', 3, 75000, 103, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1014, 'Alexander', 'Khoo', 'akhoo@example.com', '555-7890',
'2020-11-12', 3, 40000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1015, 'Shelli', 'Baida', 'sbaida@example.com', '555-4567', '2019-
07-30', 3, 38000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1016, 'Sigal', 'Tobias', 'stobias@example.com', '555-6789',
'2021-02-18', 3, 37000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1017, 'Guy', 'Himuro', 'ghimuro@example.com', '555-9876', '2018-
11-05', 3, 36000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1018, 'Karen', 'Colmenares', 'kcolmenares@example.com', '555-
5432', '2022-04-03', 3, 35000, 104, 3);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1019, 'Emily', 'Johnson', 'ejohnson@example.com', '555-1111',
'2021-08-20', 4, 48000, 105, 4);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1020, 'James', 'Smith', 'jsmith@example.com', '555-2222', '2019-
05-12', 5, 60000, 106, 5);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1021, 'Sarah', 'Williams', 'swilliams@example.com', '555-3333',
'2020-02-28', 5, 52000, 107, 6);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1022, 'Daniel', 'Brown', 'dbrown@example.com', '555-4444', '2018-
11-15', 3, 55000, 108, 7);
INSERT INTO employees(employee_id, first_name, last_name, email,
phone_number, hire_date, job_id, salary, manager_id, department_id)
VALUES (1023, 'Jessica', 'Davis', 'jdavis@example.com', '555-5555',
'2017-07-04', 1, 45000, 109, 8);
```

```sql
select first_name, last_name, job_title, department_name from employees
join departments on employees.department_id = departments.department_id
join jobs on employees.job_id = jobs.job_id


SELECT
    e.department_id,
    d.department_name,
    COUNT(e.employee_id) AS headcount
FROM
    employees e
JOIN
    departments d ON e.department_id = d.department_id
GROUP BY
    e.department_id,
    d.department_name;
```