

## Sub-Queries

### Activity 1 👍

```
SELECT e.Last_Name, e.Salary
FROM emps e
WHERE e.Manager_id = ( SELECT d.Employee_Id
                      FROM emps d
                      WHERE d.Last_Name LIKE '%King%')
```

## Lab Manual Solutions

### Act1

```
SELECT last_name, hire_date
FROM employees
WHERE department_id = (
    SELECT department_id
    FROM employees
    WHERE last_name = 'Zlotkey'
)
AND last_name != 'Zlotkey';
```

### Act2

```
SELECT employee_id, last_name
FROM employees
WHERE salary > (
    SELECT AVG(salary)
    FROM employees
)
ORDER BY salary ASC;
```

### Act1

```
SELECT last_name, salary
FROM employees
WHERE manager_id = (
    SELECT employee_id
    FROM employees
    WHERE last_name = 'King'
);
```

Act 2

```
SELECT employee_id, last_name, salary
FROM employees
WHERE salary > (
    SELECT AVG(salary)
    FROM employees
)
AND department_id IN (
    SELECT DISTINCT department_id
    FROM employees
    WHERE last_name LIKE '%u%'
);
```