Apply filters to SQL queries

Project description

You are a security professional at a large organization. Part of your job is to investigate security issues to help keep the system secure. You recently discovered some potential security issues that involve login attempts and employee machines.
Your task is to examine the organization's data in their **employees** and **log_in_attempts** tables. You'll need to use SQL filters to retrieve records from different datasets and investigate the potential security issues. Investigating logins that did not originate in Mexico, and you need to find this information. Note that the country field includes entries with 'MEX' and 'MEXICO'. You should use the NOT and LIKE operators and the matching pattern 'MEX%'. Your team needs to perform a different update to the computers of all employees in the Finance or the Sales department, and you need to locate information on these employees.

Retrieve after hours failed login attempts

```
SELECT *
FROM log_in_attempts
WHERE login_time > '18:00' AND success = 0;
```

Retrieve login attempts on specific dates

```
SELECT *
FROM log_in_attempts
WHERE login_date = '2022-05-09' OR login_date = '2022-05-08';
```

Retrieve login attempts outside of Mexico

```
SELECT *
FROM log_in_attempts
WHERE NOT country LIKE 'MEX%';
```

Retrieve employees in Marketing

```
SELECT *
```

```
FROM employees
WHERE department LIKE 'Marketing' AND office LIKE 'East%';
```

Retrieve employees in Finance or Sales

```
SELECT *
FROM employees
WHERE department = 'Finance' or department = 'Sales';
```

Retrieve all employees not in IT

```
SELECT *
FROM employees
WHERE NOT department = 'Information Technology';
```