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.

**Task1:**

You recently discovered a potential security incident that occurred after business hours. To investigate this, you need to query the log\_in\_attempts table and review after hours login activity. Use filters in SQL to create a query that identifies all failed login attempts that occurred after 18:00.

**Task2:**

A suspicious event occurred on 2022-05-09. To investigate this event, you want to review all login attempts which occurred on this day and the day before. Use filters in SQL to create a query that identifies all login attempts that occurred on 2022-05-09 or 2022-05-08.

**Task3:**

There’s been suspicious activity with login attempts, but the team has determined that this activity didn't originate in Mexico. Now, you need to investigate login attempts that occurred outside of Mexico. Use filters in SQL to create a query that identifies all login attempts that occurred outside of Mexico.

**Task4:**

Your team wants to perform security updates on specific employee machines in the Marketing department. You’re responsible for getting information on these employee machines and will need to query the employees table. Use filters in SQL to create a query that identifies all employees in the Marketing department for all offices in the East building.

**Task5:**

Your team now needs to perform a different security update on machines for employees in the Sales and Finance departments. Use filters in SQL to create a query that identifies all employees in the Sales or Finance departments.

**Task6:**

Your team needs to make one more update to employee machines. The employees who are in the Information Technology department already had this update, but employees in all other departments need it. Use filters in SQL to create a query which identifies all employees not in the IT department.