1. List all the employees whose first name starts with 'S'.

SELECT First\_Name

FROM Employees

WHERE First\_Name Like 'S%';

1. List all the employees whose job\_ID contains 'REP'.

SELECT First\_Name, Last\_name, Job\_ID

FROM Employees

WHERE Job\_ID Like '%REP%';

1. List all the employees whose department id in 20, 90, 100, 110.

SELECT First\_Name, Last\_name, Department\_ID

FROM Employees

WHERE Department\_ID IN(20, 90,100, 110);

1. Display the salary of the employee Pat Fay (lastName: Fay, firstName: Pat).

SELECT Last\_Name, First\_name, Salary

FROM Employees

WHERE Last\_name = 'Fay' AND First\_name = 'Pat';

1. List all employees who do **not** work in any one of these departments id 20, 40, 80.

SELECT Last\_Name, First\_name, Department\_ID

FROM Employees

WHERE Department\_ID NOT IN(20, 40, 80);

1. How many employees have salaries less than 7000?

SELECT COUNT(employee\_ID)

FROM Employees

WHERE Salary < 7000;

1. How many employees have salaries between 9000 and 13000?

SELECT COUNT(employee\_ID)

FROM Employees

WHERE Salary BETWEEN 9000 AND 13000;

1. Write a sql query which returns department names with a city name where departments are located. (Hint: Use inner join with locations table)

SELECT Departments.Department\_Name, Locations.city

FROM Departments

INNER JOIN Locations

ON Departments.Location\_ID = Locations.Location\_ID;

1. Write a sql query which returns all employees with a job title.(Hint: Use inner join with jobs table)

SELECT Employees.First\_Name, Employees.Last\_Name, Jobs.Job\_Title

FROM Employees

INNER JOIN Jobs

ON Employees.Job\_ID = Jobs.Job\_ID;

1. Write a sql query which returns street address, city, state province, zip code, country name.(Hint: Use inner join with countries table)

SELECT Locations.street\_address, Locations.city, Locations.state\_province, Locations.postal\_code, Countries.Country\_Name

FROM Locations

INNER JOIN Countries

ON Countries.Country\_ID = Locations.Country\_ID

1. Write sql query which returns employee first name, last name, department name. (Hint: Use left join with department table)

SELECT Employees.first\_name, Employees.last\_name, Departments.department\_name

FROM Employees

LEFT JOIN Departments

ON Employees.department\_ID = Departments.department\_ID;

1. Write a sql query which returns employee first name, last name, start\_date, end\_date. (Hint: Use left join with job\_history table)

SELECT Employees.first\_name, Employees.last\_name, Job\_History.start\_date, Job\_History.end\_date

FROM Employees

LEFT JOIN Job\_History

ON Employees.Employee\_ID = Job\_History.employee\_ID;

1. Write a sql query which returns employee first name, last name, department name, job title, start\_date, and end\_date. (Hint: left join jobs table, department table and job\_history table)

SELECT Employees.first\_name, Employees.last\_name, Departments.department\_name, Jobs.job\_title, Job\_History.start\_date, Job\_History.end\_date

FROM Employees

LEFT JOIN Jobs

On Employees.job\_ID = Jobs.job\_ID

LEFT JOIN Departments

On Employees.department\_ID = Departments.department\_ID

LEFT JOIN Job\_History

ON Employees.employee\_ID = Job\_History.employee\_ID;