1. Write a query to display

the employee id, name (first

name and last name), salary,

department name and city for

all the employees who gets the

salary as the salary earn by

the employee which is maximum

within the joining person

January 1st, 2002 and December

31st, 2003.

SELECT a.employee\_id, a.first\_name, a.last\_name, a.salary, b.department\_name, c.city

FROM employees a, departments b, locations c

WHERE a.salary =

(SELECT MAX(salary)

FROM employees

WHERE hire\_date BETWEEN '01/01/2002' AND '12/31/2003')

AND a.department\_id=b.department\_id

AND b.location\_id=c.location\_id;

2. Write a query in SQL to display the first name, last name, department number, and department name for each employee.

SELECT e.first\_name,

e.last\_name,

e.department\_id,

d.department\_name

FROM employees e

INNER JOIN departments d

ON e.department\_id = d.department\_id;

3. Write a query in SQL to display the first and last name, department, city, and state province for each employee. \*/

SELECT e.first\_name,

e.last\_name,

d.department\_name,

l.city,

l.state\_province

FROM employees e

INNER JOIN departments d

ON e.department\_id = d.department\_id

INNER JOIN locations l

ON d.location\_id = l.location\_id;

4. Write a query in SQL to display those employees who contain a letter z to their first name and also display their last name, department, city, and state province.

SELECT e.first\_name,

e.last\_name,

d.department\_name,

l.city,

l.state\_province

FROM employees e

INNER JOIN departments d

ON e.department\_id = d.department\_id

INNER JOIN locations l

ON d.location\_id = l.location\_id

WHERE e.first\_name LIKE '%z%';

5. Write a query in SQL to display the job title, department name, full name (first and last name ) of employee, and starting date for all the jobs which started on or after 1st January, 1993 and ending with on or before 31 August, 1997 .

SELECT j.job\_title,

d.department\_name,

CONCAT(e.first\_name, ' ', e.last\_name) AS full\_name,

jh.start\_date

FROM employees e

INNER JOIN job\_history jh

ON e.employee\_id = jh.employee\_id

AND jh.start\_date BETWEEN '1993-01-01' AND '1997-08-31'

INNER JOIN jobs j

ON jh.job\_id = j.job\_id

INNER JOIN departments d

ON jh.department\_id = d.department\_id;

6. Write a query in SQL to display the name of the country, city, and the departments which are running there.

SELECT c.country\_name,

l.city,

d.department\_name

FROM countries c

INNER JOIN locations l

ON c.country\_id = l.country\_id

INNER JOIN departments d

ON l.location\_id = d.location\_id;

7. Write a query in SQL to display department name and the full name (first and last name) of the manager. \*/

SELECT d.department\_name,

CONCAT(e.first\_name, ' ', e.last\_name) AS full\_name

FROM departments d

INNER JOIN employees e

ON d.manager\_id = e.employee\_id;

8. Write a query in SQL to display the details of jobs which was done by any of the employees who is presently earning a salary on and above 12000.

SELECT jh.\*

FROM employees e

INNER JOIN job\_history jh

ON e.employee\_id = jh.employee\_id

WHERE salary >= 12000.00;

9. Write a query in SQL to display the department name, full name (first and last name) of manager, and their city.

SELECT d.department\_name,

CONCAT(e.first\_name, ' ', e.last\_name) AS full\_name,

l.city

FROM employees e

INNER JOIN departments d

ON e.employee\_id = d.manager\_id

INNER JOIN locations l

ON d.location\_id = l.location\_id;

10. Display full name of employees as a single field using format of Last, First, their hire date, salary, department name and city, but only for departments with names starting with an A or S sorted by department name and employee name.

select

e.last\_name || ' ' || e.first\_name as "Full Name", -- Combine last Name and First Name by using pipe

e.hire\_date,

e.salary,

d.department\_name,

l.city

from employees e

join departments d

on e.department\_id = d.department\_id

join locations l

on d.location\_id = l.location\_id

and upper(substr(d.department\_name, 1, 1)) in ('A', 'S')

order by 4, 1;