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**FA20-BSE-078**

**BSE-4B**

1. ***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 , d.department\_id, d.department\_name from employees e JOIN departments d ON(e.department\_id = d.department\_id);***

1. ***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\_id , l.city, l.state\_province from employees e JOIN departments d ON(e.department\_id = d.department\_id) JOIN locations l ON(d.location\_id = l.location\_id);***

1. ***Write a query in SQL to display the first name, last name, salary, and job grade for all employees.***

***select e.first\_name , e.last\_name , e.salary , j.grade\_level from employees e JOIN job\_grades j ON e.salary between j.highest\_sal AND j.lowest\_sal;***

1. ***Write a query in SQL to display the first name, last name, department number and department name, for all employees for departments 80 or 40.***

***select e.first\_name , e.last\_name , d.department\_id , d.department\_name from employees e JOIN departments d ON d.department\_id IN(80,40);***

1. ***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 , e.department\_id , l.city, l.state\_province from employees e JOIN locations l ON e.first\_name like 'A%';***

1. ***Write a query in SQL to display all departments including those where does not have any employee.***

***select e.first\_name , e.last\_name, d.department\_id , d.department\_name from employees e RIGHT OUTER JOIN departments d ON (e.department\_id = d.department\_id);***

1. ***Write a query in SQL to display the first and last name and salary for those employees who earn less than the employee earn whose number is 182.***

***select e.first\_name , e.last\_name , e.salary from employees e JOIN employees s ON e.salary < s.salary AND s.employee\_id = 182;***

***select***

1. ***Write a query in SQL to display the first name of all employees including the first name of their manager. (self join)***

***select e.first\_name Employees , m.first\_name Managers from employees e JOIN employees m ON(e.manager\_id = m.employee\_id);***

1. ***Write a query in SQL to display the full name (firt and last name ) of employee with ID and name of the country presently where (s)he is working.***

***select first\_name ||' '|| Last\_name as "NAME", employee\_id , country\_name from employees JOIN departments USING(department\_id) JOIN locations USING(location\_id) JOIN countries USING(country\_id);***

1. ***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 job\_title , department\_name , first\_name ||' '|| last\_name , start\_date from job\_history JOIN jobs using(job\_id) JOIN departments using(department\_id) JOIN employees USING(employee\_id) where start\_date >= '01-JAN-93' AND start\_date <= '31-AUG-97';***