

## SQL

Employees:-

emp_id	emp_name	job_name	manager_id	hire_date	salary	commission	dep_id
68319	KAYLING	PRESIDENT		1991-11-18	6000.00		1001
66928	BLAZE	MANAGER	68319	1991-05-01	2750.00		3001
67832	CLARE	MANAGER	68319	1991-06-09	2750.00		1001
65646	JONAS	MANAGER	68319	1991-04-02	2957.00		2001
67858	SCARLET	ANALYST	65646	1997-04-19	3100.00		2001
69062	FRANK	ANALYST	65646	1991-12-03	3100.00		2001
63679	SANDRINE	CLERK	69062	1990-12-18	900.00		2001
64989	ADEL YN	SALESMAN	66928	1991-02-20	1700.00	400.00	3001
65271	WADE	SALESMAN	66928	1991-02-22	1350.00	600.00	3001
66564	MADDEN	SALESMAN	66928	1991-09-28	1350.00	1500.00	3001
68454	TUCKER	SALESMAN	66928	1991-09-08	1600.00	0.00	3001
68736	ADNRES	CLERK	67858	1997-05-23	1200.00		2001
69000	JULIUS	CLERK	66928	1991-12-03	1050.00		3001
69324	MARKER	CLERK	67832	1992-01-23	1400.00		1001

### QUERIES

1. From the following table return complete information about the employees.
2. write a SQL query to find the salaries of all employees. Return salary
3. write a SQL query to find the unique designations of the employees. Return job name.
4. write a SQL query to list the employees' name, increased their salary by 15%, and expressed as number of Dollars.
5. write a SQL query to list the employee's name and job name as a format of "Employee & Job"
6. Write a query in SQL to produce the output of employees as follows.  
Employee  
JONAS(manager).

7. write a SQL query to find those employees with hire date in the format like February 22, 1991. Return employee ID, employee name, salary, hire date.
8. write a SQL query to count the number of characters except the spaces for each employee name. Return employee name length.
9. write a SQL query to find the employee ID, salary, and commission of all the employees.
10. write a SQL query to find the unique department with jobs. Return department ID, Job name.
11. write a SQL query to find those employees who do not belong to the department 2001. Return complete information about the employees.
12. write a SQL query to find those employees who joined before 1991. Return complete information about the employees.
13. write a SQL query to calculate the average salary of employees who work as analysts. Return average salary.
14. write a SQL query to find the details of the employee 'BLAZE'.
15. write a SQL query to identify employees whose commissions exceed their salaries. Return complete information about the employees.
16. write a SQL query to identify those employees whose salaries exceed 3000 after receiving a 25% salary increase. Return complete information about the employees.
17. write a SQL query to find the names of the employees whose length is six. Return employee name.
18. write a SQL query to find out which employees joined in the month of January. Return complete information about the employees.
19. write a SQL query to separate the names of employees and their managers by the string 'works for'.
20. write a SQL query to find those employees whose designation is 'CLERK'. Return complete information about the employees.
21. write a SQL query to identify employees with more than 27 years of experience. Return complete information about the employees.
22. write a SQL query to find those employees whose salaries are less than 3500. Return complete information about the employees.
23. write a SQL query to find the employee whose designation is 'ANALYST'. Return employee name, job name and salary.
24. write a SQL query to identify those employees who joined the company in 1991. Return complete information about the employees.
25. write a SQL query to find those employees who joined before 1st April 1991. Return employee ID, employee name, hire date and salary.
26. write a SQL query identify the employees who do not report to a manager. Return employee name, job name.
27. write a SQL query to find the employees who joined on the 1st of May 1991. Return complete information about the employees.
28. write a SQL query to identify the experience of the employees who work under the manager whose ID number is 68319. Return employee ID, employee name, salary, experience.
29. write a SQL query to find out which employees earn more than 100 per day as a salary. Return employee ID, employee name, salary, and experience.

30. write a SQL query to identify those employees who retired after 31-Dec-99, completing eight years of service. Return employee name.
31. write a SQL query to identify the employees whose salaries are odd. Return complete information about the employees.
32. write a SQL query to identify employees whose salaries contain only three digits. Return complete information about the employees.
33. write a SQL query to find out which employees joined the company before the 19th of the month. Return complete information about the employees.
34. write a SQL query to identify those employees who have been working as a SALESMAN and month portion of the experience is more than 10. Return complete information about the employees.
35. write a SQL query to find those employees of department id 3001 or 1001 and joined in the year 1991. Return complete information about the employees
36. write a SQL query to find the employees who are working for the department ID 1001 or 2001. Return complete information about the employees.
37. write a SQL query to find those employees whose designation is 'CLERK' and work in the department ID 2001. Return complete information about the employees.
38. write a query in SQL to find those employees where -
  1. the employees receive some commission which should not be more than the salary and annual salary including commission is below 34000.
  2. Designation is 'SALESMAN' and working in the department '3001'. Return employee ID, employee name, salary and job name.
39. write a SQL query to identify those employees who joined in any month other than February. Return complete information about the employees.
40. write a SQL query to search for all employees with an annual salary between 24000 and 50000 (Begin and end values are included.). Return complete information about the employees.
41. write a SQL query to identify all employees who joined the company on 1st May, 20th February, and 3rd December 1991. Return complete information about the employees.
42. write a SQL query to find which employees joined the company after the month of June in 1991 and within this year. Return complete information about the employees.
43. write a SQL query to find those employees who joined in 90's. Return complete information about the employees.
44. write a SQL query to identify employees who joined in the month of FEBRUARY with a salary range of 1001 to 2000 (Begin and end values are included.). Return complete information about the employees.
45. write a SQL query to find those employees who joined before or after the year 1991. Return complete information about the employees.

## **Javascript**

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