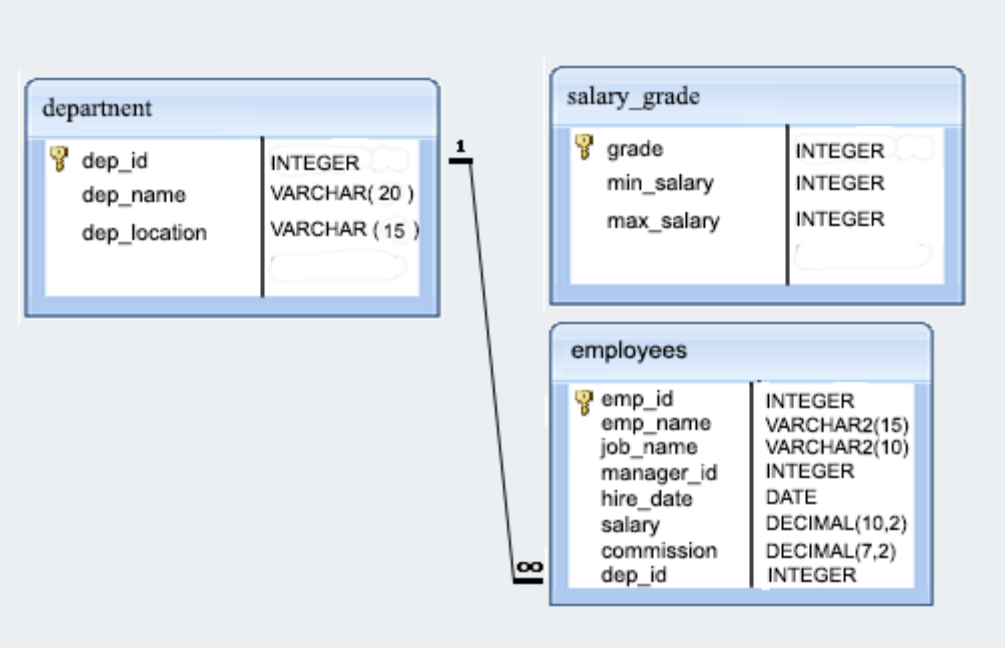
SQL Exercises, Practice, Solution - exercises on employee Database

Structure of employee Database:



1. Write a query in SQL to display all the information of the employees

2. Write a query in SQL to find the salaries of all employees.

3. Write a query in SQL to display the unique designations for the employees.

4. Write a query in SQL to list the emp_name and salary is increased by 15% and expressed as no.of Dollars.

5. Write a query in SQL to produce the output of employees name and job name as a fromat of "Employee & Job".

6. Write a query in SQL to produce the output of employees as follows:

Employee
JONAS(manager).

7. Write a query in SQL to list the employees with Hire date in the format like February 22, 1991.

8. Write a query in SQL to count the no. of characters with out considering the spaces for each name.

9. Write a query in SQL to list the emp_id,salary, and commission of all the employees.

10. Write a query in SQL to display the unique department with jobs.

11. Write a query in SQL to list the employees who does not belong to department 2001.

12. Write a query in SQL to list the employees who joined before 1991.

13. Write a query in SQL to display the average salaries of all the employees who works as ANALYST.

14. Write a query in SQL to display the details of the employee BLAZE.

15. Write a query in SQL to display all the details of the employees whose commission is more than their salary.

16. Write a query in SQL to list the employees whose salary is more than 3000 after giving 25% increment.

17. Write a query in SQL to list the name of the employees, those having six characters to their name.

18. Write a query in SQL to list the employees who joined in the month January.

19. Write a query in SQL to list the name of employees and their manager separated by the string 'works for'.

20. Write a query in SQL to list all the employees whose designation is CLERK.

21. Write a query in SQL to list the employees whose experience is more than 10 years.

22. Write a query in SQL to list the employees whose salaries are less than 3500.

23. Write a query in SQL to list the name, job_name, and salary of any employee whose designation is ANALYST.

24. Write a query in SQL to list the employees who have joined in the year 1991.

25. Write a query in SQL to list the name, id, hire_date, and salary of all the employees joined before 1 apr 91.

26. Write a query in SQL to list the employee name, and job_name who are not working under a manager.

27. Write a query in SQL to list all the employees joined on 1st may 91.

28. Write a query in SQL to list the id, name, salry, and experiences of all the employees working for the manger 68319.

29. Write a query in SQL to list the id, name, salary, and experience of all the employees who earn more than 100 as daily salary.

30. Write a query in SQL to list the employees who are retiring after 31-Dec-99 after completion of 8 years of service period.

31. Write a query in SQL to list those employees whose salary is an odd value.

32. Write a query in SQL to list those employees whose salary contain only 3 digits.

33. Write a query in SQL to list the employees who joined in the month of APRIL.

34. Write a query in SQL to list the employees those who joined in company before 19th of the month.

35. Write a query in SQL to list the employees who are SALESMAN and gathered an experience over 10 years.

36. Write a query in SQL to list the employees of department id 3001 or 1001 joined in the year 1991.

37. Write a query in SQL to list the employees of department id 3001 or 1001 joined in the year 1991.

38. Write a query in SQL to list all the employees of designation CLERK in department no 2001.

39. Write a query in SQL to list the ID, name, salary, and job_name of the employees for -
1. Annual salary is below 34000 but receiving some commission which should not be more than the salary,
2. And designation is SALESMAN and working for department 3001.

40. Write a query in SQL to list the employees who are either CLERK or MANAGER.

41. Write a query in SQL to list the employees who joined in any year except the month February.

42. Write a query in SQL to list the employees who joined in the year 91.

43. Write a query in SQL to list the employees who joined in the month of June in 1991.

44. Write a query in SQL to list the employees whose annual salary is within the range 24000 and 50000.

45. Write a query in SQL to list the employees who have joined on the following dates 1st May,20th Feb, and 03rd Dec in the year 1991.

46. Write a query in SQL to list the employees working under the managers 63679,68319,66564,69000.

47. Write a query in SQL to list the employees who joined after the month JUNE in the year 1992.

48. Write a query in SQL to list the employees who joined in 90's.

49. Write a query in SQL to list the managers of department 1001 or 2001.

50. Write a query in SQL to list the employees, joined in the month FEBRUARY with a salary range between 1001 to 2000.

51. Write a query in SQL to list all the employees who joined before or after 1991.

52. Write a query in SQL to list the employees along with department name.

53. Write a query in SQL to list the name, job name, annual salary, department id, department name and grade of the employees who earn 60000 in a year or not working as an ANALYST.

54. Write a query in SQL to list the name, job name, manager id, salary, manager name, manager's salary for those employees whose salary is greater than the salary of their managers.

55. Write a query in SQL to list the employees name, department, salary and commission. For those whose salary is between 2000 and 5000 while location is PERTH.

56. Write a query in SQL to list the grade, employee name for the department id 1001 or 3001 but salary grade is not 4 while they joined the company before 1992-12-31.

57. Write a query in SQL to list the employees whose manager name is JONAS.

58. Write a query in SQL to list the name and salary of FRANK if his salary is equal to max_sal of his grade.

59. Write a query in SQL to list the employees who are working either MANAGER or ANALYST with a salary range between 2000 to 5000 without any commission.

60. Write a query in SQL to list the id, name, salary, and location of the employees working at PERTH,or MELBOURNE with an experience over 10 years.

61. Write a query in SQL to list the employees along with their location who belongs to SYDNEY, MELBOURNE with a salary range between 2000 and 5000 and joined in 1991.

62. Write a query in SQL to list the employees with their location and grade for MARKETING department who comes from MELBOURNE or PERTH within the grade 3 to 5 and experience over 5 years.

63. Write a query in SQL to list the employees who are senior to their own manager.

64. Write a query in SQL to list the employee with their grade for the grade 4.

65. Write a query in SQL to list the employees of grade 3 in department PRODUCTION or AUDIT who joined after 1991 and they are not MARKER or ADELYN to their name.

66. Write a query in SQL to list the employees in the ascending order of their salaries.

67. Write a query in SQL to list the details of the employees in ascending order to the department_id and descending order to the jobs.

68. Write a query in SQL to display all the unique job in descending order.

69. Write a query in SQL to list the id, name, monthly salary, daily salary of all the employees in the ascending order of their annual salary.

70. Write a query in SQL to list the employees in descending order who are either 'CLERK' or 'ANALYST'.

71. Write a query in SQL to display the location of CLARE.

72. Write a query in SQL to list the employees in ascending order of seniority who joined on 1-MAY-91,or 3-DEC-91, or 19-JAN-90.

73. Write a query in SQL to list the employees who are drawing the salary less than 1000 and sort the output in ascending order on salary.

74. Write a query in SQL to list the details of the employees in ascending order on the salary.

75. Write a query in SQL to list the employees in ascending order on job name and descending order on employee id.

76. Write a query in SQL to list the unique jobs of department 2001 and 3001 in descending order.

77. Write a query in SQL to list all the employees except PRESIDENT and MANAGER in ascending order of salaries.

78. Write a query in SQL to list the employees in ascending order of the salary whose annual salary is below 25000.

79. Write a query in SQL to list the employee id, name, annual salary, daily salary of all the employees in the ascending order of annual salary who works as a SALESMAN.

80. Write a query in SQL to list the employee id, name, hire_date, current date and experience of the employees in ascending order on their experiences.

81. Write a query in SQL to list the employees in ascending order of designations of those, joined after the second half of 1991.

82. Write a query in SQL to list the total information of employees table along with department, and location of all the employees working under FINANCE and AUDIT in the ascending department no.

83. Write a query in SQL to display the total information of the employees along with grades in ascending order.

84. Write a query in SQL to list the name, job name, department, salary, and grade of the employees according to the department in ascending order.

85. Write a query in SQL to list the name, job name, salary, grade and department name of employees except CLERK and sort result set on the basis of highest salary.

86. Write a query in SQL to list the employee ID, name, salary, department, grade, experience, and annual salary of employees working for department 1001 or 2001.

87. Write a query in SQL to list the details of the employees along with the details of their departments.

88. Write a query in SQL to list the employees who are senior to their own MANAGERS.

89. Write a query in SQL to list the employee id, name, salary, and department id of the employees in ascending order of salary who works in the department 1001.

90. Write a query in SQL to find the highest salary from all the employees.

91. Write a query in SQL to find the average salary and average total remuneration(salary and commission) for each type of job.

92. Write a query in SQL to find the total annual salary distributed against each job in the year 1991.

93. Write a query in SQL to list the employee id, name, department id, location of all the employees.

94. Write a query in SQL to list the employee id, name, location, department of all the departments 1001 and 2001.

95. Write a query in SQL to list the employee id, name, location, department of all the departments 1001 and 2001.

96. Write a query in SQL to list the manager no and the number of employees working for those managers in ascending order on manager id.

97. Write a query in SQL to display the number of employee for each job in each department.

98. Write a query in SQL to list the department where at least two employees are working.

99. Write a query in SQL to display the Grade, Number of employees, and maximum salary of each grade.

100. Write a query in SQL to display the department name, grade, no. of employees where at least two employees are working as a SALESMAN.

101. Write a query in SQL to list the no. of employees in each department where the no. is less than 4.

102. Write a query in SQL to list the name of departments where atleast 2 employees are working in that department.

103. Write a query in SQL to check whether all the employees numbers are indeed unique.

104. Write a query in SQL to list the no. of employees and average salary within each department for each job name.

105. Write a query in SQL to list the names of those employees starting with 'A' and with six characters in length.

106. Write a query in SQL to list the employees whose name is six characters in length and third character must be 'R'.

107. Write a query in SQL to list the name of the employee of six characters long and starting with 'A' and ending with 'N'.

108. Write a query in SQL to list the employees who joined in the month of which second character is 'a'.

109. Write a query in SQL to list the employees whose names containing the character set 'AR' together.

110. Write a query in SQL to list the employees those who joined in 90's.

111. Write a query in SQL to list the employees whose ID not starting with digit 68.

112. Write a query in SQL to list the employees whose names containing the letter 'A'.

113. Write a query in SQL to list the employees whose name is ending with 'S' and six characters long.

114. Write a query in SQL to list the employees who joined in the month having char 'A' at any position.

115. Write a query in SQL to list the employees who joined in the month having second char is 'A'.