

DBMS Lab - Assignment 2

Q1: Create a new user making "your_name" as user-name and "your_surname" as the password.

Q2: Grant all privileges to the newly created user.

Q3: connect to the new user.

Q4: Create a table employee with attributes emp_id, f_name, l_name, job_type, salary, commision, dept, and manager_id.

Q5: Describe the table employee

Q6: Add a new column doj to the employee table.

Q7: Create a new table department with attributes d_name, d_loc, and hod_id.

Q8: Create another table named location with attributes loc_id, city and contact_no.

Q9. Enhance the size of city attribute in location table by 5.

Q10. Delete the contact_no attribute in the location table.

Q11. Rename the city attribute in the location table to address.

Q12. Change the name of the table from location to loc.

Q13. Insert the following values into the loc table.

| LOC_ID | ADDRESS |
|--------|---------|
| 1 | kolkata |
| 2 | mumbai |

Q14. Show the values of location table.

Q15. Delete all values and spaces consumed by loc table.

Q16. Delete the loc table.

Q17. Insert the following values into the department table.

| D_Name | D_LOC | HOD_ID |
|------------|-------|--------|
| sales | Kol | 4 |
| accounts | delhi | 6 |
| production | kol | 1 |
| marketing | kol | 2 |
| r&d | delhi | 8 |

Q18. Insert the following values into the employee table.

| EMP_ID | F_NAME | L_NAME | JOB_TYPE | SALARY | COMMISION | DEPT | MANAGER_ID | DOJ |
|--------|---------|--------|------------|--------|-----------|------------|------------|-------------|
| 1 | arun | khan | manager | 90000 | | production | | 04-JAN-1998 |
| 2 | barun | kumar | manager | 80000 | | marketing | | 09-FEB-1998 |
| 3 | chitra | kapoor | engineer | 60000 | | production | 1 | 08-JAN-1998 |
| 4 | dheeraj | mishra | manager | 75000 | | sales | 2 | 27-DEC-2001 |
| 5 | emma | dutt | engineer | 55000 | | production | 1 | 20-MAR-2002 |
| 6 | floki | dutt | accountant | 70000 | | accounts | | 16-JUL-2000 |
| 7 | dheeraj | kumar | clerk | 40000 | | accounts | 6 | 01-JUL-2016 |
| 8 | saul | good | engineer | 60000 | | r&d | | 06-SEP-2014 |
| 9 | mou | bhat | clerk | 30000 | | sales | 4 | 08-MAR-2018 |
| 10 | sunny | deol | salesman | 20000 | 10000 | marketing | 2 | 31-MAR-01 |
| 11 | bobby | deol | engineer | 35000 | | r&d | 8 | 17-OCT-17 |
| 12 | amir | khan | salesman | 15000 | 5000 | marketing | 2 | 11-JAN-13 |

Q19. Save the database.

Q20: Show all the attribute values of the department table.

Q21: Display the department names and their locations.

Q22: Show the employee's first name, last name, current salary and the salary with a 1000 rupees bonus.

Q23: Show the employee's annual salary with a 1000 rupees yearly bonus and the annual salary with a 100 rupees monthly bonus.

Q24: Show f_name as Name and annual salary as ANNSAL from the employee table.

Q25: Show the L_name as SurName and 100 rupees incremented salary as NewSal from the employee table.

Q26: Display the employees f_name and l_name joined together using the concatenation operator.

Q27: Show the f_name, l_name and job_type as Employees.

Q28: Show the employee details in the following fassion:

Employees Details

arun khan is a manager

barun kumar is a manager

.....

.....

Q29: Show the monthly salary details in the following fassion:

Monthly Salary Details

arun's monthly salary is 90000

.....

Q30: Show the department names from the employee table.

Q31: Show the distinct department names from the employee table.

Q32: Show the employees earning more than 50000.

Q33: Show the employee's id's who are not working under manager id-1.

Q34: Show the employee's names and salaries whose salary ranges between 40000 to 70000.

Q35: Show the employees who work for manager id 1 or 6 or 8.

Q36: Select the first names and salaries of those employee whose last name is khan.

Q37: Select the first names and salaries of those employee whose last name starts with k.

Q38: Select the first name, last name and salary of those employee whose last name starts with k and ends with r.

Q39: Select the employees whose 3rd letter of their last name is o.

Q40: Select the employees who are not working under any manager.

Q41: Select the employees who work as engineers with salary greater than 50000.

Q42: Select the employees who work in the production department or earns more than 60000.

Q43: Select those employees who are not managers or engineers or clerks.

Q44: Select the employees who earns more than 49000 or less than 29000.

Q45: Select the employees who don't have an 'o' as the 2nd last letter of their last name.

Q46: Select the employees who get commission.

Q47: WAQ to display the current date.

Q48: Show the total experience in weeks for all the employees.

Q49: Find the employees working under employee_id 2.

Q50: Delete the employees from sales department if they are not working as managers.

Q51: Insert the following two rows in the employee table without inserting any value in the department field.

| EMP_ID | F_NAME | L_NAME | JOB_TYPE | SALARY | COMMISSION | D_NAME | MANAGER_ID | DOJ |
|--------|--------|--------|----------|--------|------------|--------|------------|-----------|
| 13 | anand | patil | engineer | 28000 | 2000 | | 1 | 31-JAN-17 |
| 14 | anandi | patel | clerk | 12000 | 500 | | 1 | 01-APR-17 |

Q52. . Insert the following two rows in the department table.

| D_NAME | D_LOC | HOD_ID |
|--------|-------|--------|
|--------|-------|--------|

| | | |
|-------|-------|-------|
| ----- | ----- | ----- |
|-------|-------|-------|

| | | |
|-------|--------|---|
| Admin | Mumbai | 5 |
|-------|--------|---|

| | | |
|-----------|--------|---|
| Transport | Mumbai | 3 |
|-----------|--------|---|

Q53. Update the employee table. Assign Anand to the admin department.

Q54. Update the manager_id from 2 to 1 in the employee table.

Q55. Display the employee details in descending order on their salary.

Q56. Display the employee details in ascending order on their l_name.

Q57. Delete the employees who are working as salesmen and having less experience than 15 years.

Q58. Commit the database.