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| Detailed Scheduled | |
| Topics | 1. Introduction to SQL, features of SQL, Rules for SQL, SQL Components (DDL, DML, DCL, TCL, DQL) 2. Viewing data in the tables: (Select Statement and where condition)    * Selecting all tables    * Describe the table    * All rows and all columns (set the Environment variable line size to custom 200)    * Clear Screen (Shift + Del) 3. Filtering Data from the table    * Selected Columns    * Selected Rows (like predicate for character data type, between predicate, ‘=’, ‘>’, ‘<’, ‘<>’, NOT and NOT IN Operator)    * Select Unique values from a column: (Distinct keyword)    * Selected Column and Selected row   Sorting Data in the Table: (Order By, Desc clause) |

1. Display the structure of an EMP table
2. Display the structure of DEPT table
3. Display all the records of EMP table
4. Display all the records of DEPT table
5. Display only Name of all employees
6. Display Employee’s Name and salary
7. Display only unique departments (deptno) from EMP table
8. Display employees whose name starts with ‘J’
9. Display all the employees’ Date of Joining (HireDate) and Salary (Sal)
10. Display all clerks (job), from EMP table
11. Display all employees’ name and salary whose salary is more than 2000
12. Display all employees who are not in department number (deptno) 30
13. Display employees with their empno, ename and mgr (i.e manager’s no)
14. Display manager’s number, job profile, department number and salary of employees Allen, Adams, Jones and Blake.
15. Display only unique Salary (sal) from EMP table
16. Display the location of department number 30
17. Display the details of the department located in ‘New York’ city
18. Display all the employees according to their names in sorted order
19. Display all the employees who are not salesman nor the manager
20. Display the details of a clerk who is getting salary more than 1000
21. Display all the employees whose name starts with any alphabet between B and K
22. Display all employees whose name does not contain the character ‘S’
23. Display all the employees whose salary is between 1000 and 2000 but not exact 1500
24. Select all the employees who are hired in the year 1981 (year 81)
25. Display all the employees who are hired in February (FEB) month
26. Display all the employees according to their seniority of joining
27. Display the employees who are either ‘Analyst’, ‘President’ or ‘Manager’
28. Display all the Salesman joined in month of September and getting salary more than or equal to 1500
29. Display the job type of an employee of department number 30 and getting salary more than 1500
30. Display the unique job titles of employees in department number 20
31. Display all the employees in a sorted order to their salary highest to lowest, hiredate latest to oldest.
32. Display all the employees in a sorted order of their job title and salary.
33. Display employees in a sorted order of their salary who are clerk.
34. Display all the managers according to their salary highest to lowest
35. Display all the employees who have joined either on 3rd or 23rd date of any month in any year.