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| **Week 1**  **1.Sql functions on dual table.**  String Functions |
| Date Functions      Conversion Functions        Mathematical Functions    **Week 2**  1.All queries related to instructor and course table.  **Instructor Table**                 1. Display the details of Instructors who belong to Physics Department.        1. Display the names of instructors whose salary is greater than 60000.      1. Update salary of Srinivasan to 40000.      1. Set Employee name to Agastya for ID 83821. |
| 1. Set name of employee to Raju who belongs to Physics Department.      1. Update History department to Commerce Department.     **Final Table:**    **Course Table.**                   1. Display the details of all courses which belongs to Biology.      1. Display the credit details from Game Design course.      1. Display the course ids and title for Biology department.      1. Update course id for code FIN-201 to FIN-301.       **Week 3**          3. Add a new column as **date of joining** to **employee** table.    4. Drop constraint on grade column.     1. Increase the size of ename by 15 characters.      1. Drop constraint on Eno column.      1. Change the datatype of Eno as varchar2(10)      1. Add a primary key constraint on Eno column       **Final Table:**      **Week 4**  **EMP TABLE**                         1. Display all the information of employee table.      1. Display unique jobs from emp table.      1. List the details of employees in ascending order of their salaries.      1. List the details of employees in ascending order of their dept.no and desc. Order of their jobs.      1. Display unique jobs in desc. order of jobs.      1. Display all details of all managers.      1. Display ename and jobs with a query that will accept a given job.      1. Produce the output Employee…   SMITH(CLERK)  JONES(MANAGER) …     1. Display names of employees who joined before 1981.        1. Display empno, ename, sal as daily salary in ascending order of annual salary.      1. Display empno, ename and exp of all employees.      1. Display empno, ename and exp of all employees who are managers.      1. List the employees along with exp whose daily salary is more than 100.      1. Display details of employees whose commission is more than salary.      1. List the employees who are either clerks or analysts in descending order of their jobs.      1. List the employees who are working for department number 10 or 20 or 30.      1. List the emp who have joined in year 1981.      1. List the employee who joined in month of December 1981.      1. List the employees whose annual salary is ranging from 22,000 to 52,000.      1. List the employee names who have 5 characters in their name.      1. List the enames whose name starts with S and have 5 characters.      1. List enames whose names have 4 characters and 3rd character is R.      1. List 5-character names starting with S and ending with H.      1. List emp who joined in the month whose second character is A.        1. List emp whose salary is 4-digit number ending with 0.      1. List employee names who name have LL together.      1. List all the clerks of department number 20.      1. Display details whose employee names containing E as second character from end of string.      1. Show the employee names whose names start with J, K, L, M.      1. Display employee names, job, sal, comm and total salary with order in highest total salary first. |