

GLS Universty
 Facutly of Computer Applicatuons and IT
 0301307- Database Management System-II
 Assignment - Sub-Query

Design the following tables and Apply all the necessary constraints on the tables.

DEPARTMENT		
Department_ID	Name	Regional_Group
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

DESIGNATION	
Job_ID	Function
667	CLERK
668	STAFF
669	ANALYST
670	SALESPERSON
671	MANAGER
672	PRESIDENT

EMPLOYEE							
Emp_ID	Fname	Lname	Job_ID	Manager_ID	Hire_Date	Salary	Department_ID
1	SMITH	JOHN	667	7902	17-DEC-84	800	20
2	ALLEN	KEVIN	670	7698	20-FEB-85	1600	30
3	DOYLE	JEAN	671	7839	04-APR-85	2850	30
4	DENNIS	LYNN	671	7839	15-MAY-85	2750	30
5	BAKER	LESLIE	671	7839	10-JUN-85	2200	40
6	WARK	CYNTHIA	670	7698	22-FEB-85	1250	30

SQL Queries based on above tables.

1. List all the Employee details
2. List all the department details
3. List all designation details.
4. Display the Reigonal group from department table
4. Display the Fname,Lname, Salary of all the employees
5. List out Emp_ID, Lname,Department_ID for all the employees and rename Emp_ID as “ID of the employee”.
6. Display the employees salary with their names only
7. List the details about employee “SMITH”
8. List out the employees who are working in the department 20
9. List out the employees who are earning salary between 3000 and 4500
10. List out the employees who are working in the department 20 or 30
11. List out the employees who are not working in the department 10 or 30
12. List out the employees whose first name starts with “L”
13. List out the Emp_ID, Lname in ascending order based on the Emp_ID
14. List out the employees salary as Emp_salary in descending order
15. Display the maximum salary from the table employee
16. Display the average salary as total amt from table employee.
17. Update the fname as “Revita” where EMP_ID is 6 of the table EMPLOYEE.
18. Count the number of employees whose salary is greater than or equal to 1600
19. Add a column City to the employee table
20. List the no of employees whose Fname ends with the letter “N”.
21. List the names of the employees working in department 40.
22. Count the total no of employees working in any department
23. Display the function of the JOB_ID 669 from the table DESIGNATION
24. Display the employee name who is earning more than the average salary
25. Display the names of the employees whose FNAME has second letter “E” in their names from employee table
26. Display the names of the employees whose FNAME ends with letter “N”
27. Update the last name as PARKER of the employee having EMP_ID = 3

SUBQUERIES BASED ON ABOVE TABLES.

1. Display the employee who got maximum salary
2. Display the employees who are working in “RESEARCH” department
3. Display the employees who are working as “Analyst”
4. Display the employees who are working in “New york”
5. Find out the number of employees working in “Sales” department
6. Update the employees salary who are working as “Staff” on the bases of 15%.
7. Display the second highest salary employee details.
8. Display the function area of the employee whose first name is “LYNN”
9. Find out the employees who earn greater than the average salary of their department
10. Display the hire date of the employee working as “Analyst”
11. Display the job_id of the employees whose salary is greater than and equal to 1600
12. Display the designamtion of “baker”.
13. Display the department name whose hiring year is 84.
14. Display the function name for whose manager id range is 7790-7905.
15. Display the full name of employee whose regional group is starts from ‘D’.

JOINS.

1. Display employees with their designations
2. How many employees who are working in the Sales department
3. Display all the employees in the Sales or Operation department
4. Show the number of employees working under manager