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INFOSYS-ORACLE-APR-2023 / day-01 / **Assignments.md**

👤 **vinod-kayartaya** 🇮🇳   🕘

👥 **1** contributor

41 lines (31 sloc) | 3.15 KB   ···

Assignments

1. Simple select with WHERE clause:

   - Retrieve the name and salary of all employees who earn more than $10,000 per month.
   - Get the name and hire date of employees who were hired after January 1, 2005.
   - Retrieve the name, job title, and department name of all employees who work in the IT department.
   - Get the name and job title of all employees who work in departments located in the United States.
   - Retrieve the name, job title, and salary of all employees who earn more than their manager.

2. Joins:

   - Retrieve the name and department name of all employees and their managers.
   - Get the name, job title, and department name of all employees who work in departments located in Canada or the United Kingdom.
   - Retrieve the name, job title, and salary of all employees who work in departments that are managed by 'Steven King'.
   - Get the name, job title, and department name of all employees who work in the same department as 'Steven King'.
   - Retrieve the name, job title, and salary of all employees who have the same manager as 'Steven King'.

3. Subqueries:

   - Get the name and salary of employees who earn more than the average salary of their department.
   - Retrieve the name and job title of employees who work in the same department as 'Steven King', but who do not report directly to him.
   - Get the name, job title, and salary of employees who earn more than the average salary of employees in departments located in the United States.

- Retrieve the name and job title of employees who have a higher salary than their manager.
- Get the name, job title, and salary of employees who earn more than the average salary of employees in their job title.

4. Group by and Having:

- Retrieve the name and average salary of employees in each department, but only show departments where the average salary is greater than $8,000 per month.
- Get the name and total salary of employees in each department, but only show departments where the total salary is greater than $1,000,000.
- Retrieve the name and job title of employees who have a job title with more than 5 employees in it.
- Get the name and maximum salary of employees in each job title, but only show job titles where the maximum salary is greater than $15,000 per month.
- Retrieve the name and minimum salary of employees in each department, but only show departments where the minimum salary is less than $3,000 per month.

5. Co-related subqueries:

- Get the name and salary of employees who earn more than all employees in their department.
- Retrieve the name and salary of employees who earn more than their manager, but only show employees who are not the highest-paid employee in their department.
- Get the name and salary of employees who earn more than the lowest-paid employee in their department.
- Retrieve the name and job title of employees who work in departments where the average salary is higher than the average salary in 'Sales' department.
- Get the name and salary of employees who earn more than their manager, but only show employees who have a higher salary than the lowest-paid employee in their department.

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