CSE-2320 DBMS Sessional

Assignment#1

Semester: Fall 2021

To do the assignment, please use the appropriate tables, which are mention with the related SQL problem, to write the SQL. We can find these Tables from “hr” schema that the default schema in the Oracle.

Instruction for Non-oracle user or who have failed to install the oracle:

To prepare the environment with tables and data to write the SQL, first you should create the tables sequentially using the scripts that are provided in the “hr\_tables\_scripts.sql”. 2nd step, after create all of the tables, you should insert the data using scripts that are provide in the “\*\_data.sql” files. Please insert the data by following the below sequence of the files-

1. regions\_data.sql
2. countries\_data.sql
3. locations\_data.sql
4. departments\_data.sql
5. jobs\_data.sql
6. employees\_data.sql
7. jobs\_history.sql

| Problem SL No. | | Problem Description | The SQL should present the following columns | | List of Tables to write the SQL | |
| --- | --- | --- | --- | --- | --- | --- |
| **1** | | Write a SQL that will find the list of Employees, whose Name end with ‘S’ and shows the job, full name, salary | 1. Job Name 2. Employee Name 3. Salary | | Employee | |
| **2** | | Write a SQL that will find the list of Employees, whose Job Name start with ‘S’ and data should be order by Department Name | 1. Employee No. 2. Employee Name 3. Salary 4. Name of the Department | | Employee, Department | |
| **3** | | Write a SQL that will find the list of Employees, whose hired date is in 2001 | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | | Employee, Department | |
| **4** | | Write a SQL that will give the department name, Employees’ full name and Salary, whose hired date is in 2001. | 1. Department Name 2. Employee Name 3. Salary | | Employee, Department | |
| **5** | | Write a SQL that will give the department-wise summary of Employees’ Salary, whose Job Name start with ‘M’ and data should be order by Department Name | 1. Department Name 2. Summarize Salary | | Employee, Department | |
| **6** | Write a SQL that will give the department name, Employees’ full name and Salary, whose Name have ‘E’ any position and data should be order by Department Name | | | 1. Department Name 2. Employee Name 3. Salary | | Employee, Department |
| **7** | Write a SQL that will give the list of Employees, who have hired with 2001 to 2002. | | | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | | Employee, Department |
| **8** | Write a SQL that will give the department- name, Employees’ full name and Salary, who have hired with 2001 to 2002. | | | 1. Department Name 2. Employee Name 3. Salary | | Employee, Department |
| **9** | Write a SQL that will give the list of Employees, whose Job Name is containing ‘CLERK’ | | | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | | Employee, Department |
| **10** | Write a SQL that will give the department- name, Employees’ full name and Salary, whose Job Name is containing ‘CLERK’ | | | 1. Department Name 2. Employee Name 3. Salary | | Employee, Department |