CSE-2320 DBMS Sessional

Assignment#3

Semester: Fall 2021

Batch: 53 (A and E)

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 should be used to write the SQL |
| --- | --- | --- | --- | --- |
| **1** | Write a SQL that will give the list of Employees, who are in “MARKETING” department | | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | Employee, Department |

| **2** | Write a SQL that will give the department-wise average of Employees’ Salary, who are in “MARKETING” department | 1. Department Name 2. Average Salary | Employee, Department |
| --- | --- | --- | --- |
| **3** | Write a SQL that will give the list of Employees, whose Salary is greater than 1700 | 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-wise summary of Employees’ Salary, whose Salary is greater than 1500 | 1. Department Name 2. Summarize Salary | Employee, Department |
| **5** | Write a SQL that will give the department-wise minimum of Employees’ Salary | 1. Department Name 2. Min Salary | Employee, Department |
| **6** | Write a SQL that will give the list of Employees whose Salary is greater than the average Salary of “SALES” department | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | Employee, Department |
| **7** | Write a SQL that will give the department-wise summary of Employees’ Salary, whose Job ID is start with ‘I’ | 1. Department Name 2. Summarize Salary | Employee, Department |
| **8** | Write a SQL that will give the list of Employees, whose Name is start with ‘E’ | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | Employee, Department |
| **9** | Write a SQL that will give the list of Employees whose Salary is greater than the minimum Salary of “MARKETING” department | 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 list of Employees whose Salary is greater than the average Salary of “SALES” and “MARKETING” departments | 1. Employee No. 2. Employee Name 3. Salary 4. Hired Date 5. Name of the Department | Employee, Department |