Mentor Module Program

Module 1: SQL

Assignment 2:

Question:

Employee Table

   [EmployeeId] - PK

   [FirstName]

   [LastName]

   [Salary]

   [JoiningDate]

   [Department]

Title Table

   [EmployeeRefId] - FK Referencing [EmployeeId] from Employee

   [EmployeeTitle]

Bonus Table

   [BonusId]

   [EmployeeRefId] - FK Referencing [EmployeeId] from Employee

   [BonusAmount]

   [BonusDate]

Data for Employee Table

(1, N'Sunil', N'Yadav', 35000, N'2022-03-26 00:00:00', N'HR')

(2, N'Neha', N'Swami', 55000, N'2022-01-15 00:00:00', N'Admin')

(3, N'Neelam', N'Rajda', 75000, N'2020-04-11 00:00:00', N'L&D')

(4, N'Chinmay', N'Parab', 35000, N'2022-02-26 00:00:00', N'Admin')

(5, N'Aaditya', N'Dhuri', 35000, N'2022-02-20 00:00:00', N'Account')

(6, N'Lucky', N'Singh', 35000, N'2022-03-12 00:00:00', N'Account')

Data for Title Table

(1, N'Manager')

(2, N'Executive')

(3, N'Sr. Manager')

(4, N'Lead')

(5, N'Manager')

(6, N'Asst.Manager')

Data for Bonus Table

(1, 1, 5000, N'2022-10-16 00:00:00')

(2, 2, 3000, N'2023-01-16 00:00:00')

(3, 3, 4000, N'2021-03-16 00:00:00')

(4, 4, 4500, N'2022-08-16 00:00:00')

(5, 2, 3500, N'2022-05-16 00:00:00')

(6, 3, 3500, N'2022-05-16 00:00:00')

(7, 5, 3500, N'2022-05-16 00:00:00')

(8, 6, 3500, N'2023-01-16 00:00:00')

--Questions

1) Get all the employees having salary greater than 50000 but less than 100000

2) Get all the employees who are also managers

3) Display EmployeeId, First Name, Last Name, Title, Bonus Amount for all the employees who

 got bonus amount greater than or equal to 4000.

4) Get first 50% records from the Employee table.

5) Get all the employee details (Dept, Id, FirstName, LastName, Salary) having the highest salary in each department.

6) Create a stored procedure to get all the employee details of the employees joined between the given date range.

Check and execute the procedure for the following date range.

January 1, 2022 to February 28, 2022