SQL Assignment

Create the following Tables and insert the values accordingly and Perform the tasks mentioned below.

Employee Table

Employee_id(PK)	First_name	Last_Name	Salary	Joining_date	Department
1	Anika	Arora	100000	2020-02-14 9:00:00	HR
2	Veena	Verma	80000	2011-06-15 9:00:00	Admin
3	Vishal	Singhal	300000	2020-02-16 9:00:00	HR
4	Sushanth	Singh	500000	2020-02-17 9:00:00	Admin
5	Bhupal	Bhati	500000	2011-06-18 9:00:00	Admin
6	Dheeraj	Diwan	200000	2011-06-19 9:00:00	Account
7	Karan	Kumar	75000	2020-01-14 9:00:00	Account
8	Chandrika	Chauhan	90000	2011-04-15 9:00:00	Admin

Employee Bonus Table

Employee_ref_id(FK)	Bonus_Amount	Bonus_Date
1	5000	2020-02-16 0:00:00
2	3000	2011-06-16 0:00:00
3	4000	2020-02-16 0:00:00
1	4500	2020-02-16 0:00:00
2	3500	2011-06-16 0:00:00

Employee Title Table

Employee_ref_id	Employee_title	Affective_Date
1	Manager	2016-02-20 0:00:00
2	Executive	2016-06-11 0:00:00
8	Executive	2016-06-11 0:00:00
5	Manager	2016-06-11 0:00:00
4	Asst. Manager	2016-06-11 0:00:00
7	Executive	2016-06-11 0:00:00
6	Lead	2016-06-11 0:00:00
3	Lead	2016-06-11 0:00:00

Tasks To Be Performed:

1 Display the "FIRST_NAME" from Employee table using the alias name as Employee_name.

2 Display "LAST_NAME" from Employee table in upper case.

3 Display unique values of DEPARTMENT from EMPLOYEE table.

4 Display the first three characters of LAST_NAME from EMPLOYEE table.

5 Display the unique values of DEPARTMENT from EMPLOYEE table and prints its length.

6 Display the FIRST_NAME and LAST_NAME from EMPLOYEE table into a single column AS FULL_NAME.
  a space char should separate them.

7 DISPLAY all EMPLOYEE details from the employee table
 order by FIRST_NAME Ascending.

8. Display all EMPLOYEE details order by FIRST_NAME Ascending and DEPARTMENT Descending.

9 Display details for EMPLOYEE with the first name as "VEENA" and "KARAN" from EMPLOYEE table.

10 Display details of EMPLOYEE with DEPARTMENT name as "Admin".

11 DISPLAY details of the EMPLOYEES whose FIRST_NAME contains 'V'.

12 DISPLAY details of the EMPLOYEES whose SALARY lies between 100000 and 500000.

13 Display details of the employees who have joined in Feb-2020.

14 Display employee names with salaries >= 50000 and <= 100000.

16 DISPLAY details of the EMPLOYEES who are also Managers.

17 DISPLAY duplicate records having matching data in some fields of a table.

18 Display only odd rows from a table.

19 Clone a new table from EMPLOYEE table.

20 DISPLAY the TOP 2 highest salary from a table.

21. DISPLAY the list of employees with the same salary.

22 Display the second highest salary from a table.

23 Display the first 50% records from a table.

24. Display the departments that have less than 4 people in it.

25. Display all departments along with the number of people in there.

26 Display the name of employees having the highest salary in each department.

27 Display the names of employees who earn the highest salary.

28 Diplay the average salaries for each department

29 display the name of the employee who has got maximum bonus

30 Display the first name and title of all the employees