

## 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  $\geq 50000$  and  $\leq 100000$ .
- 15 Display the number of Employees for each department in the descending order.
- 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.