

HOMEWORK 3

Given the below tables.

EmployeeInfo Table:

EmpID	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	Sanjay	Mehra	HR	P1	Hyderabad (HYD)	01/12/1976	M
2	Ananya	Mishra	Admin	P2	Delhi(DEL)	02/05/1968	F
3	Rohan	Diwan	Account	P3	Mumbai(BOM)	01/01/1980	M
4	Sonia	Kulkarni	HR	P1	Hyderabad (HYD)	02/05/1992	F
5	Ankit	Kapoor	Admin	P2	Delhi(DEL)	03/07/1994	M

EmployeePosition Table:

EmpID	EmpPosition	DateOfJoining	Salary
1	Manager	01/05/2019	500000
2	Executive	02/05/2019	75000
3	Manager	01/05/2019	90000
2	Lead	02/05/2019	85000
1	Executive	01/05/2019	300000

1. Write a query to fetch the number of employees working in the department 'HR'.
2. Write a query to retrieve the first four characters of **EmpLname** from the **EmployeeInfo** table.
3. Write a query to find all the employees whose salary is between **50000** to **100000**.
4. Write a query find number of employees whose DOB is between **02/05/1970** to **31/12/1975** and are grouped according to gender.
5. Write a query to fetch all the records from the **EmployeeInfo** table ordered by **EmpLname** in descending order and **Department** in the ascending order.
6. Write a query to fetch details of employees whose **EmpLname** ends with an alphabet 'A' and contains five alphabets.

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7. Write a query to fetch details of all employees excluding the employees with first names, "**Sanjay**" and "**Sonia**" from the **EmployeeInfo** table.
8. Write a query to fetch details of employees with the address as "**DELHI(DEL)**".
9. Write a query to fetch all employees who also hold the managerial position.
10. Write a query to fetch the department-wise count of employees sorted by department's count in ascending order.
11. Write a query to retrieve two minimum and maximum salaries from the **EmployeePosition** table.
12. Write a query to retrieve duplicate records from '**EmployeeInfo**' table.
13. Write a query to retrieve the list of employees working in the same department.
14. Write a query to retrieve **Departments** who have less than 2 employees working in it.
15. Write a query to retrieve **EmpPostion** along with total salaries paid for each of them.