

## EDUREKA (DATABASE – 1)

**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	01/05/2022	500000
2	Executive	02/05/2022	75000
3	Manager	01/05/2022	90000
2	Lead	02/05/2022	85000
1	Executive	01/05/2022	300000

**Q1. Write a query to fetch the EmpFname from the EmployeeInfo table in upper case and use the ALIAS name as EmpName.**

**Q2. Write a query to fetch the number of employees working in the department 'HR'.**

**Q3. Write a query to retrieve the first four characters of EmpLname from the EmployeeInfo table.**

- Q4. Write a query to fetch only the place name(string before brackets) from the Address column of EmployeeInfo table.**
- Q5. Write a query to create a new table which consists of data and structure copied from the other table.**
- Q6. Write a query to find all the employees whose salary is between 50000 to 100000.**
- Q7. Write a query to find the names of employees that begin with 'S'**
- Q8. Write a query to fetch top n records.**
- Q9. Write a query to retrieve the EmpFname and EmpLname in a single column as "FullName". The first name and the last name must be separated with space.**
- Q10. Write a query find number of employees whose DOB is between 02/05/1970 to 31/12/1975 and are grouped according to gender**
- Q11. Write a query to fetch all the records from the EmployeeInfo table ordered by EmpLname in descending order and Department in the ascending order.**
- Q12. Write a query to fetch details of employees whose EmpLname ends with an alphabet 'A' and contains five alphabets.**
- Q13. Write a query to fetch details of all employees excluding the employees with first names, "Sanjay" and "Sonia" from the EmployeeInfo table.**
- Q14. Write a query to fetch details of employees with the address as "DELHI(DEL)".**
- Q15. Write a query to fetch all employees who also hold the managerial position.**
- Q16. Write a query to fetch the department-wise count of employees sorted by department's count in ascending order.**
- Q17. Write a query to calculate the even and odd records from a table.**
- Q18. Write a SQL query to retrieve employee details from EmployeeInfo table who have a date of joining in the EmployeePosition table.**

**Q19. Write a query to retrieve two minimum and maximum salaries from the EmployeePosition table.**

**Q20. Write a query to find the Nth highest salary from the table without using TOP/limit keyword.**

**Q21. Write a query to retrieve duplicate records from a table.**

**Q22. Write a query to retrieve the list of employees working in the same department.**

**Q23. Write a query to retrieve the last 3 records from the EmployeeInfo table.**

**Q24. Write a query to find the third-highest salary from the EmpPosition table.**

**Q25. Write a query to display the first and the last record from the EmployeeInfo table.**

**Q26. Write a query to add email validation to your database**

**Q27. Write a query to retrieve Departments who have less than 2 employees working in it.**

**Q28. Write a query to retrieve EmpPostion along with total salaries paid for each of them.**

**Q29. Write a query to fetch 50% records from the EmployeeInfo table.**

Solutions/Cheats:

<https://www.edureka.co/blog/interview-questions/sql-query-interview-questions>