

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
1	Lead	02/05/2022	85000
2	Executive	01/05/2022	300000

## Apply Following Queries on the Given Tables

## Sr. no. Questions

- 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 get the current date.
- Q4 Write a query to retrieve the first four characters of EmpLname from the EmployeeInfo table.
- Q5 Write a query to fetch only the place name(string before brackets) from the Address column of EmployeeInfo table.  
Using the MID function in MySQL  
Using SUBSTRING
- Q6 Write a query to create a new table which consists of data and structure copied from the other table.  
Using the SELECT INTO command  
Using the CREATE command in MySQL
- Q7 Write a query to find all the employees whose salary is between 50000 to 100000.
- Q8 Write a query to find the names of employees that begin with 'S'
- Q9 Write a query to fetch top N records.  
By using the TOP command in SQL Server  
By using the LIMIT command in MySQL
- Q10 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.
- Q11 Write a query to find number of employees whose DOB is between 02/05/1970 to 31/12/1975 and are grouped according to gender
- Q12 Write a query to fetch all the records from the EmployeeInfo table ordered by EmpLname in descending order and Department in the ascending order.  
To order the records in ascending and descending order, you have to use the ORDER BY statement in SQL.
- Q13 Write a query to fetch details of employees whose EmpLname ends with an alphabet 'A' and contains five alphabets.  
To fetch details matching a certain value, you have to use the LIKE operator in SQL.
- Q14 Write a query to fetch details of all employees excluding the employees with first names, "Sanjay" and "Sonia" from the EmployeeInfo table.
- Q15 Write a query to fetch details of employees with the address as "DELHI(DEL)".
- Q16 Write a query to fetch all employees who also hold the managerial position.
- Q17 Write a query to fetch the department-wise count of employees sorted by department's count in ascending order.
- Q18 Write a query to calculate the even and odd records from a table.  
To retrieve the even records from a table, you have to use the MOD() function as follows  
Similarly, to retrieve the odd records from a table, you can write a query as follows
- Q19 Write a SQL query to retrieve employee details from EmployeeInfo table who have a date of joining in the EmployeePosition table.
- Q20 Write a query to retrieve two minimum and maximum salaries from the EmployeePosition table.  
To retrieve two minimum salaries, you can write a query as below
- Q21 Write a query to find the Nth highest salary from the table without using TOP/limit keyword.
- Q22 Write a query to retrieve duplicate records from a table.
- Q23 Write a query to retrieve the list of employees working in the same department.
- Q24 Write a query to retrieve the last 3 records from the EmployeeInfo table.
- Q25 Write a query to find the third-highest salary from the EmpPosition table.
- Q26 Write a query to display the first and the last record from the EmployeeInfo table.  
To display the first record from the EmployeeInfo table, you can write a query as follows  
To display the last record from the EmployeeInfo table, you can write a query as follows
- Q27 Write a query to add email validation to your database
- Q28 Write a query to retrieve Departments who have less than 2 employees working in it.
- Q29 Write a query to retrieve EmpPosition along with total salaries paid for each of them.
- Q30 Write a query to fetch 50% records from the EmployeeInfo table.