Using the information below, create an employee database and populate the information in the respective table and answer the questions.

**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 |

Questions:

1. Write a query to fetch the EmpFname from the EmployeeInfo table in the upper case and use the ALIAS name as EmpName.
2. Write a query to fetch the number of employees working in the department ‘HR’.
3. Write a query to get the current date.
4. Write a query to retrieve the first four characters of  EmpLname from the EmployeeInfo table.
5. Write a query to fetch only the place name(string before brackets) from the Address column of EmployeeInfo table.
6. Write a query to create a new table that consists of data and structure copied from the other table.
7. Write q query to find all the employees whose salary is between 50000 to 100000.
8. Write a query to find the names of employees that begin with ‘S’
9. Write a query to fetch top N records.
10. 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.
11. Write a query find number of employees whose DOB is between 02/05/1970 to 31/12/1975 and are grouped according to gender
12. Write a query to fetch all the records from the EmployeeInfo table ordered by EmpLname in descending order and Department in the ascending order
13. Write a query to fetch details of employees whose EmpLname ends with an alphabet ‘A’ and contains five alphabets.
14. Write a query to fetch details of all employees excluding the employees with first names, “Sanjay” and “Sonia” from the EmployeeInfo table.
15. Write a query to fetch details of employees with the address as “DELHI(DEL)”.
16. Write a query to fetch all employees who also hold the managerial position.
17. Write a query to fetch the department-wise count of employees sorted by department’s count in ascending order.
18. Write a query to calculate the even and odd records from a table.
19. Write a SQL query to retrieve employee details from EmployeeInfo table who have a date of joining in the EmployeePosition table.
20. Write a query to retrieve two minimum and maximum salaries from the EmployeePosition table.
21. Write a query to find the Nth highest salary from the table without using TOP/limit keyword.
22. Write a query to retrieve duplicate records from a table.
23. Write a query to retrieve the list of employees working in the same department.
24. Write a query to retrieve the last 3 records from the EmployeeInfo table.
25. Write a query to find the third-highest salary from the EmpPosition table.
26. Write a query to display the first and the last record from the EmployeeInfo table.
27. Write a query to add email validation to your database.
28. Write a query to retrieve Departments who have less than 2 employees working in it.
29. Write a query to retrieve EmpPostion along with total salaries paid for each of them.
30. Question 30: Write a query to fetch 50% records from the EmployeeInfo table.