MySQL project 2

Create below mentioned table and insert data into it, while creating include relationship into them using Primary key and Foreign key and add on update and on delete cascading as well.

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

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