

Create table Employee(

Eid int,

Ename varchar(100),

Gender varchar(10),

JoiningDate datetime,

Salary decimal(8,2),

City varchar(100)

);

INSERT INTO Employee (EID, EName, Gender, JoiningDate, Salary, City) VALUES

(1, 'Nick', 'Male', '2013-01-01', 4000, 'London'),

(2, 'Julian', 'Female', '2014-10-01', 3000, 'New York'),

(3, 'Roy', 'Male', '2016-06-01', 3500, 'London'),

(4, 'Tom', 'Male', NULL, 4500, 'London'),

(5, 'Jerry', 'Male', '2013-02-01', 2800, 'Sydney'),

(6, 'Philip', 'Male', '2015-01-01', 7000, 'New York'),

(7, 'Sara', 'Female', '2017-08-01', 4800, 'Sydney'),

(8, 'Emily', 'Female', '2015-01-01', 5500, 'New York'),

(9, 'Michael', 'Male', NULL, 6500, 'London'),

(10, 'John', 'Male', '2015-01-01', 8800, 'London');

- Increase salary by 500 for employees who live in the same city as 'John'.
- Set gender to 'Male' for all employees whose name ends with 'n'.
- Update salary to 3000 for employees who have NULL salary.
- Increase salary by 10% for employees who joined in 2020.
- Set city to 'Unknown' for employees whose city is empty.
- Delete employees who have salary less than 2000.
- Delete employees whose joining year is 2010.
- Delete employees whose gender value is not Male/Female
- Delete employees whose salary is more than double the average salary of all employees.
- Modify EName column to allow only 50 characters.
- Add a column Country with default value 'India'.
- Change datatype of City to VARCHAR(200).
- Add a column ExperienceYears and update it based on JoiningDate.
- Create a new table EmployeeHistory with same structure as Employee.
- Add column FullName and make it computed: FirstName + ' ' + abcde
- Mask phone number except last 4 digits. (123456789)
- Display only the last name from a full name column.
- Show employees whose salary is *not in* the top 3 salaries.

- select employees whose salary is within 10% of highest salary
- List employees who earn more than the *minimum salary* of all employees in New York.
- Find employees who joined *after* the employee with the lowest Salary.