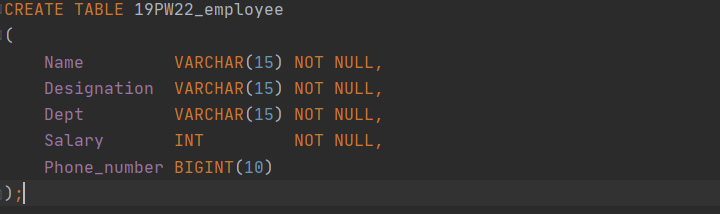
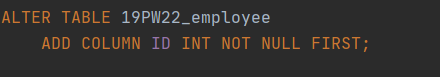
**PROBLEM SHEET 1\_19PW22**

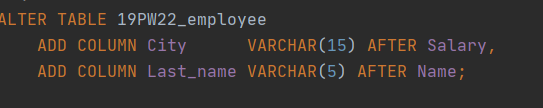
1. Create a table employee with fields Name (varchar (15)), Designation (varchar (15)), Dept. (varchar (15)), Salary (int), Phone\_number (bigint(10)).



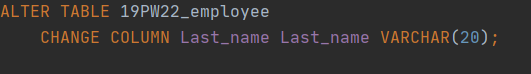
2. Add a new column ID (int) as the first column in the employee table.

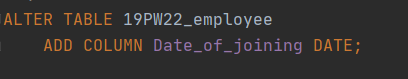


3. Add another column City (varchar (15)) after the Salary column and Last\_name (varchar (5)) after the Name column.

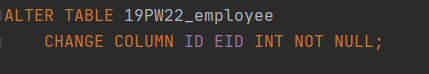


4. Change the size of the column Last\_name from 5 to 20.

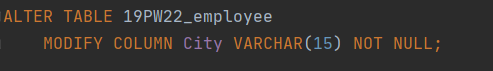


5. Add a new column Date\_of\_joining (date) at the end of the employee table.

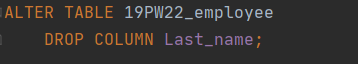
6. Change the name of the column ID to EID.



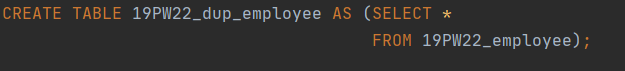
7.Add not null constraint to City.



8. Remove the Last\_name column from the employee table.



9. Create a table dup\_employee using employee (use create table as)



10. Change the name of the table employee to employee\_data.

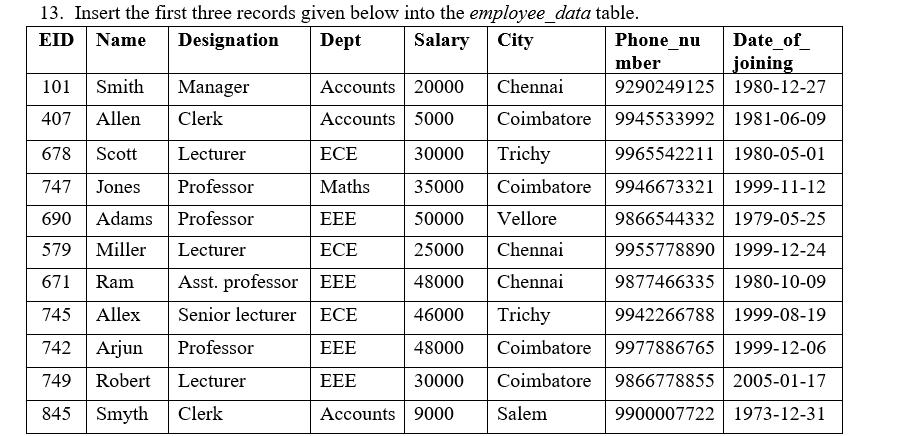


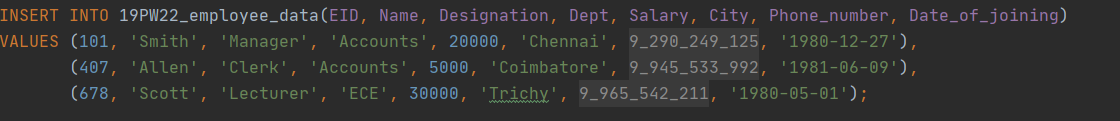
11. Delete the dup\_employee table.



12 Display the schema of the employee\_data table. (use desc (or) show columns from).



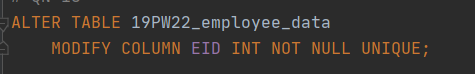




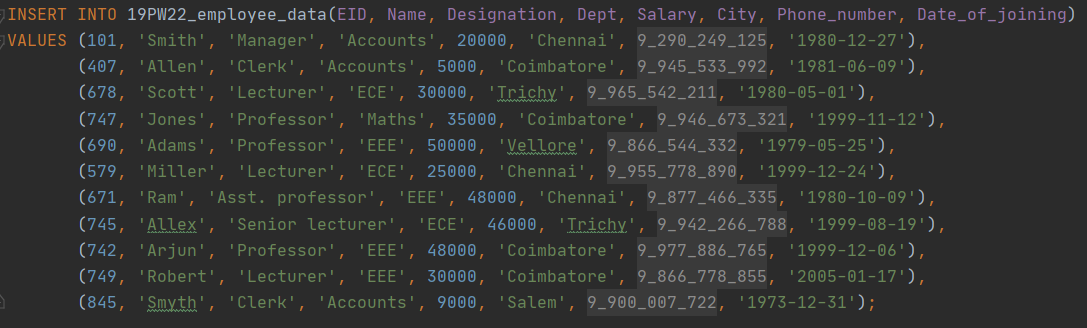
14. Remove the three records inserted into the employee\_data table using a single SQL statement.



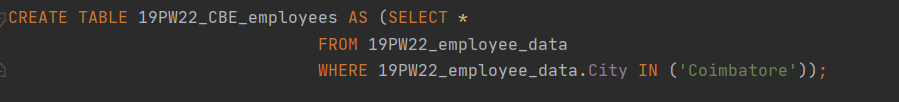
15 Write a SQL statement to make sure that no duplicate data against column EID will be allowed at the time of insertion.



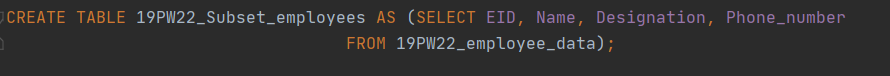
16. Insert all the given data into the employee\_data table using a single SQL statement.



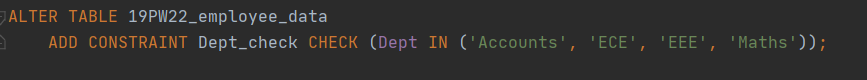
17.Create a table CBE\_employees (using employee\_data table) that includes the details of employees who are from Coimbatore city. (use create table as)



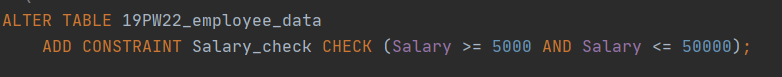
18.Create a table Subset\_employee and store only the values of EID, Name, Designation, and Phone\_number columns of employee\_data table using a single SQL statement. (use create table as)



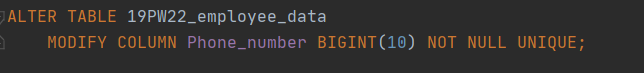
19. Add a constraint to the Department column so that the domain values for this column are restricted Accounts, ECE, EEE, and Maths. (use check constraint)



20. Add a constraint to the Salary column so that it takes any value in the range 5000-50000. (use check constraint)



21. Add a constraint to Phone\_number column to store only distinct values. (use check constraint).

**