Faculty of Technology and Engineering

Chandubhai S. Patel Institute of Technology (CSPIT)

Department of Computer Science & Engineering

Date: / /

Laboratory Manual

Academic Year	:	2024-25	Semester	:	4
Course code	:	CSE206	Course name	:	DATABASE MANAGEMENT SYSTEM

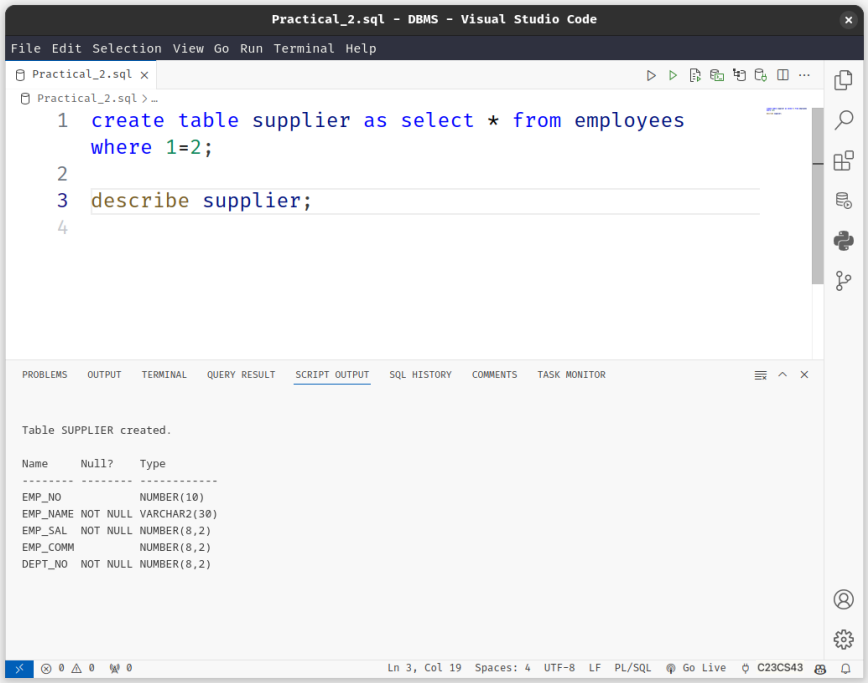
Practical - 2

Aim: Global Trust Bank is expanding its operations and requires a robust database management system to efficiently manage its employees, job profiles, customers' accounts, and loan information. The bank has laid out specific requirements and constraints to ensure data integrity, uniqueness, and completeness. Perform Data Definition Language (DDL) commands and change the existing schema as per the given information.

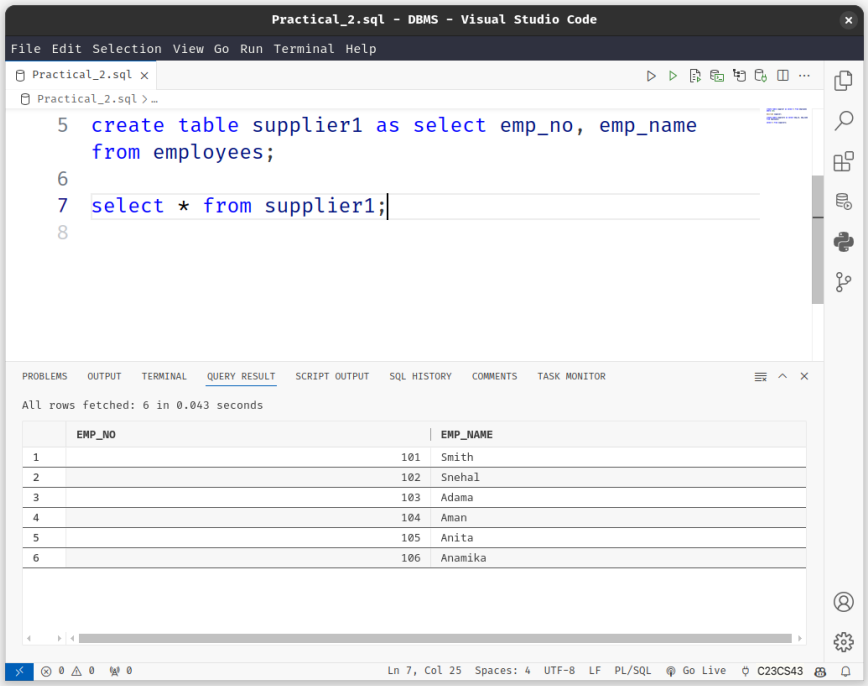
Constraints –

- Not Null Constraints: Ensure critical fields are not null.
- Unique Constraints: Ensure data integrity by limiting column values.
- Check Constraints: Ensure columns like Account Number have unique values.

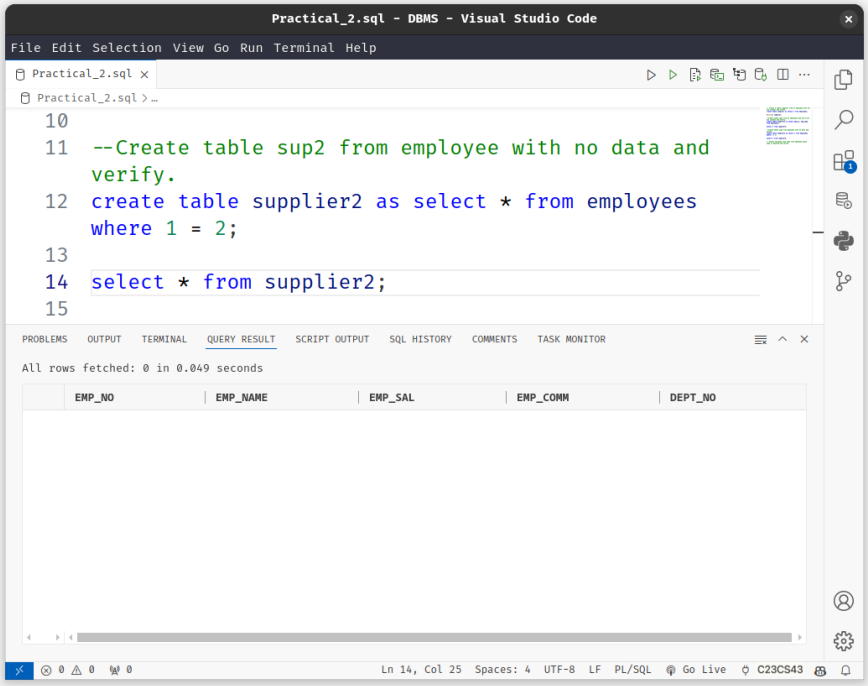
1. Create Table Supplier (emp_no, emp_name, emp_sal, emp_comm, dept_no).



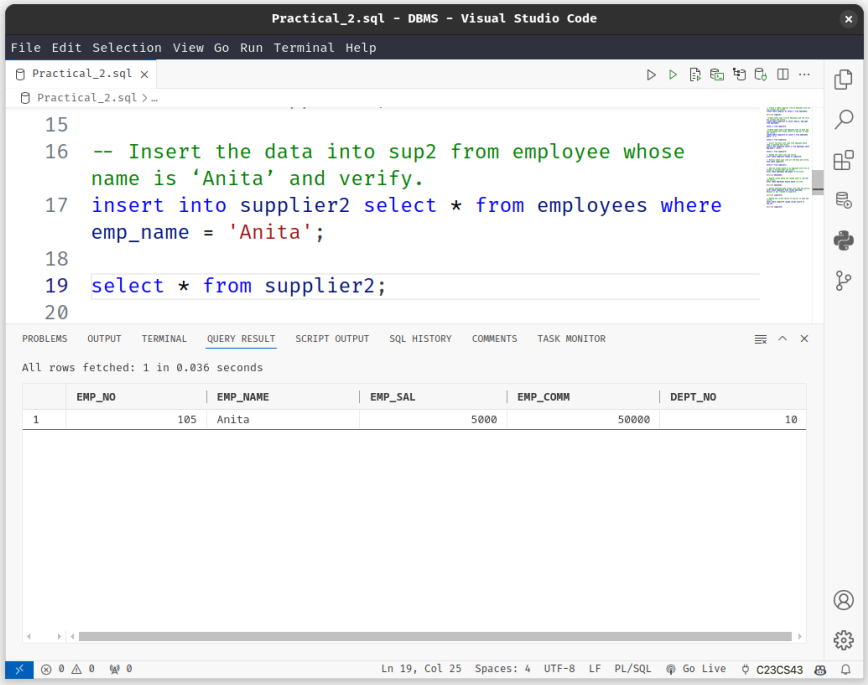
2. Create Table Sup1 (emp_no, emp_name).



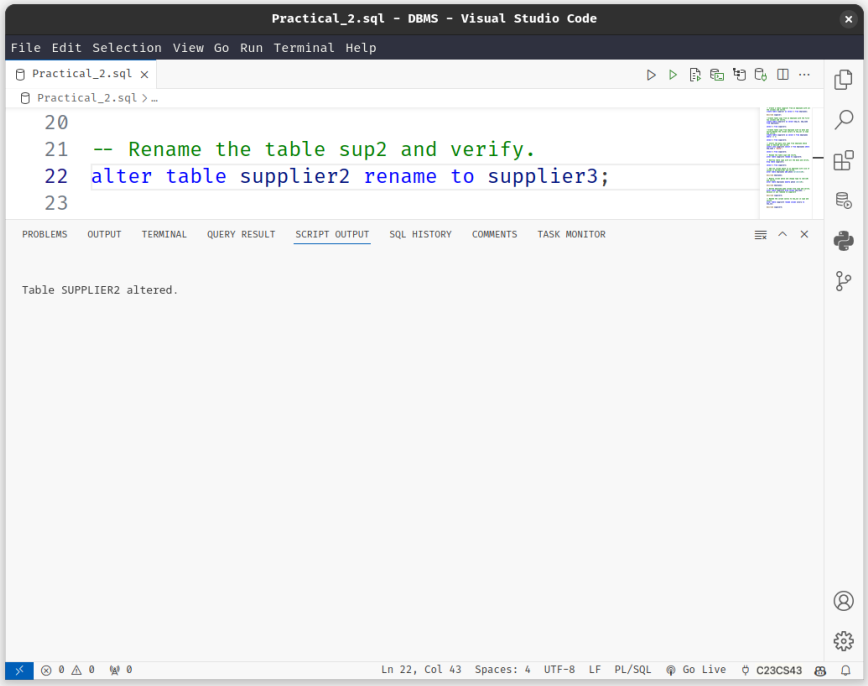
3. Create Table Sup2 (emp_no, emp_name, emp_sal, emp_comm, dept_no).



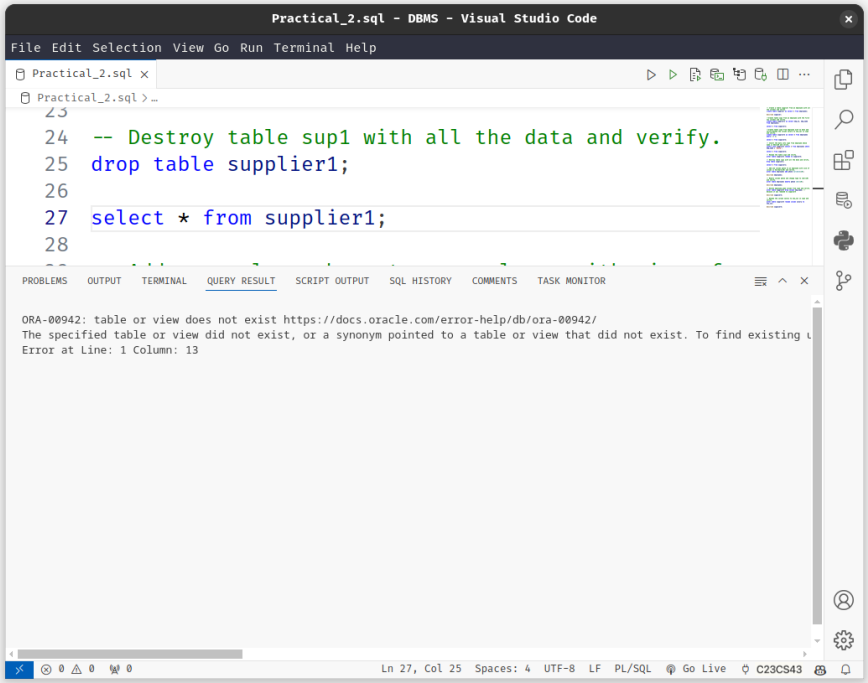
4. Insert the data into sup2 from an employee whose name is ‘Anita’ and verify.



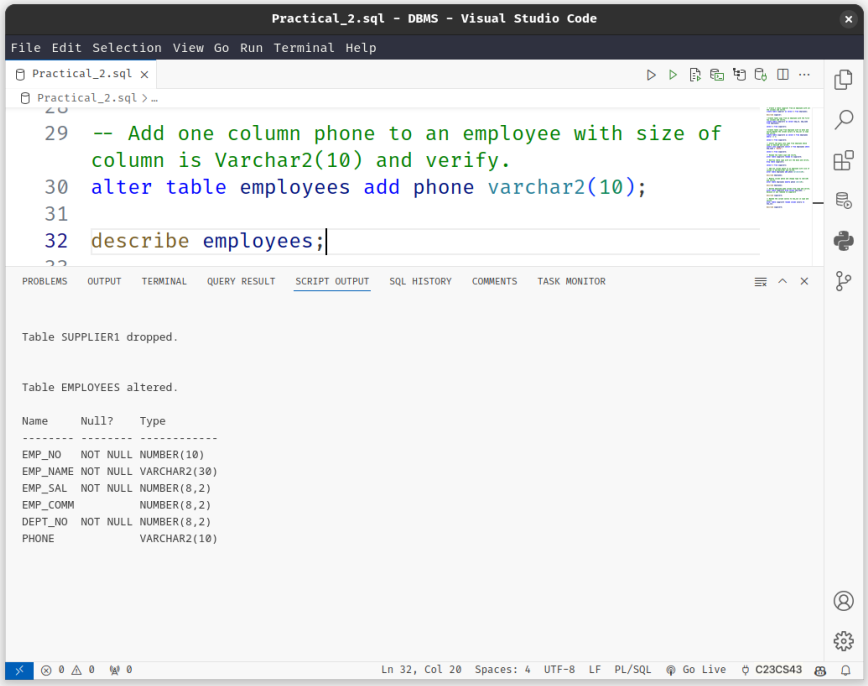
5. Rename the table sup2 and verify.



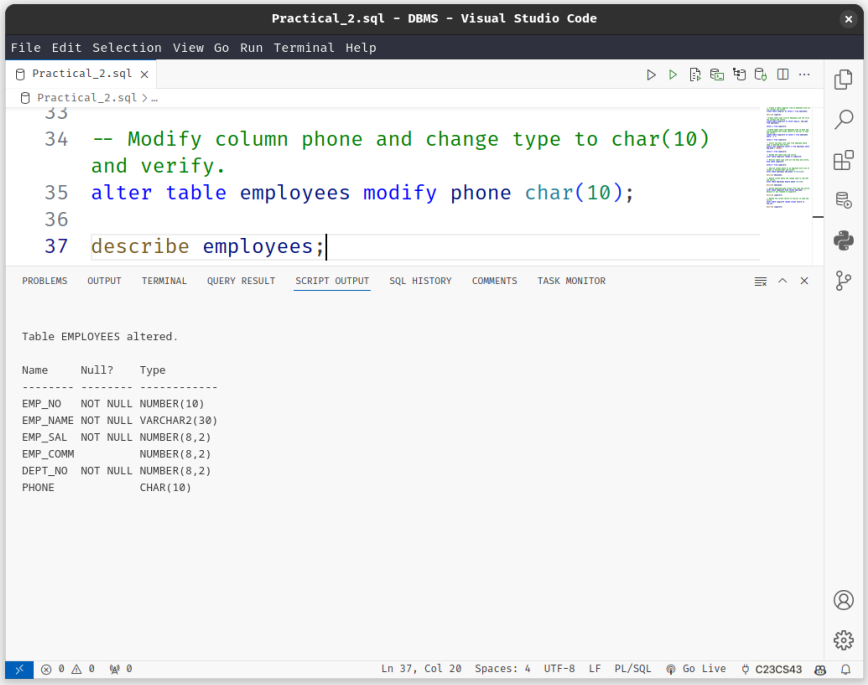
6. Destroy table sup1 with all the data and verify.



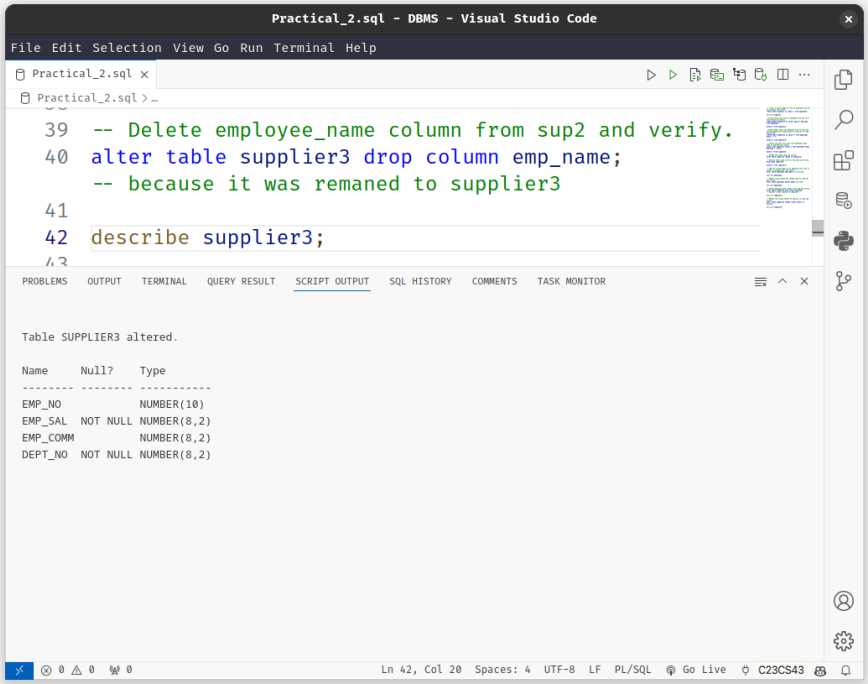
7. Add one column phone to an employee whose size of column is Varchar2(10) and verify.



8. Modify column phone and change type to char(10) and verify.



9. Delete employee_name column from sup2 and verify.



10. Rename the column salary to new_sal in sup2 and verify.