

TYBCA Science 2025-26
V Sem(NEP)
JDBC Practical Assignment
Last Date 31/7/2025

Name:_____ **Rn**_____

Note: In Every Questions we have to take input from user (Dynamic Input)instead of Hard Coding

Sr No	Assignments	Date	Signature
1	Write a JDBC to program Create table as Student(srn,sname,smarks) and perform following operation in table . <ul style="list-style-type: none"> • Insert at least 5 values using Statement object. • Update one Particular Record. • Delete One Particular Record. 		
2	Write a java program to accept the details of customer (CID, CName, Address, Ph_No) and store it into the database(Use PreparedStatement interface		
3	Write a JDBC Program to create table Emp(Eno,Ename,Eadd,Eaadhar,esal)And Display Message table Created		
4	Write a java program to create Teacher table(TNo,Tname,Sal,Desg)and insert a record in it		
5	Write a JDBC program to update number_of_students of “BCA Science” to 1000. <ul style="list-style-type: none"> • Create a table Course (Code,name, department,number_of_students) in PostgreSQL • database. Insert values in the table 		
6	Write a Java program to accept the details of Student (RNo, SName, Per, Gender,Class) and store them into the database		
7	Write a JDBC program to delete the details of a given employee (ENo ENameSalary). Take Eno from user		
8	Write a java program to display a list of college names from the college table. (Assume College table (CID, CName, addr) is already created		
9	Write a program in JSP take empno name,DOB,BG from user and store in Database.(create table as emp in postgres).		

10	<p>Given a table employees(id, name, email, salary, department_id), write JDBC code to:</p> <ul style="list-style-type: none"> • Insert a new employee • Update an employee's salary • Delete an employee by ID • Retrieve all employees with salary > 50000 		
11	<p>Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to</p> <ul style="list-style-type: none"> • Insert a new student • Update a student's GPA • Delete a student by email 		
12	<p>Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to:</p> <ul style="list-style-type: none"> • Insert a new product with timestamp • Update product quantity after a sale • Delete discontinued products (quantity = 0) 		
13	<p>Given tables orders(id, customer_id, order_date, total_amount, status) and order_items(id, order_id, product_id, quantity, unit_price), write JDBC code to:</p> <ul style="list-style-type: none"> • Insert a new order • Update order status to 'SHIPPED' • Delete Any Order 		
14	<p>Given table books(id, title, author, price, publication_year), write JDBC code to</p> <ul style="list-style-type: none"> • Insert a new book • Update book price by ID • Delete a book by ID • Retrieve all books by a specific author 		
15	<p>Write a JDBC program to update Department BCa To Bsc CA.</p> <ul style="list-style-type: none"> • Create a table Course (Code,name, department,number_of_students) in PostgreSQL database. Insert values in the table 		