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 .		
	 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. 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).		

Given a table employees(id, name, email, salary, department_id), write JDBC code to: • Insert a new employee • Update an employee's salary • Delete an employee swith salary > 50000 11 Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to • Insert a new student • Update a student's GPA • Delete a student by email 12 Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: • Insert a new product with timestamp • Update product quantity after a sale • Delete discontinued products (quantity = 0) 13 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: • Insert a new order • Update order status to 'SHIPPED' • Delete Any Order 14 Given table books(id, title, author, price, publication_year), write JDBC code to • Insert a new book • Update book by ID • Delete a book by ID • Delete a book by y a specific author			
department_id), write JDBC code to: Insert a new employee Update an employee's salary Delete an employee by ID Retrieve all employees with salary > 50000 Insert a new student enrollment_date, gpa, major_id), write JDBC code to Insert a new student Update a student's GPA Delete a student by email Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) Given tables orders(id, custome_id, order_date, total_amount, status) and order_items(id, order_id, product_id, quantity, unit_price), write JDBC code to: Insert a new order Update order status to 'SHIPPED' Delete Any Order Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author	10	Given a table employees(id, name, email, salary,	
Update an employee's salary Delete an employee by ID Retrieve all employees with salary > 50000 11 Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to Insert a new student Update a student's GPA Delete a student by email 12 Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) 13 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: Insert a new order Update order status to 'SHIPPED' Delete Any Order 14 Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author			
Update an employee's salary Delete an employee by ID Retrieve all employees with salary > 50000 11 Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to Insert a new student Update a student's GPA Delete a student by email 12 Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) 13 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: Insert a new order Update order status to 'SHIPPED' Delete Any Order 14 Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author		 Insert a new employee 	
Delete an employee by ID Retrieve all employees with salary > 50000 Il Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to Insert a new student Update a student's GPA Delete a student by email Il Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) 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: Insert a new order Update order status to 'SHIPPED' Delete Any Order Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author		- ·	
• Retrieve all employees with salary > 50000 11 Given a table students(id, first_name, last_name, email, enrollment_date, gpa, major_id), write JDBC code to • Insert a new student • Update a student's GPA • Delete a student by email 12 Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: • Insert a new product with timestamp • Update product quantity after a sale • Delete discontinued products (quantity = 0) 13 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: • Insert a new order • Update order status to 'SHIPPED' • Delete Any Order 14 Given table books(id, title, author, price, publication_year), write JDBC code to • Insert a new book • Update book price by ID • Delete a book by ID • Retrieve all books by a specific author		- · · · · · · · · · · · · · · · · · · ·	
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Update a student's GPA Delete a student by email Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) 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: Insert a new order Update order status to 'SHIPPED' Delete Any Order Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author Write a JDBC program to update Department BCa To Bsc CA.		enrollment_date, gpa, major_id), write JDBC code to	
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Delete a student by email Given a table products(id, name, description, price, quantity_in_stock, category_id, created_at), write JDBC code to: Insert a new product with timestamp Update product quantity after a sale Delete discontinued products (quantity = 0) 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: Insert a new order Update order status to 'SHIPPED' Delete Any Order Given table books(id, title, author, price, publication_year), write JDBC code to Insert a new book Update book price by ID Delete a book by ID Retrieve all books by a specific author Write a JDBC program to update Department BCa To Bsc CA.		 Insert a new student 	
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