	Marwadi University Faculty of Technology Department of Information and Communication Technology
Subject: Advanced Java (01CT1623)	Aim: CV Submission
Experiment No:- 04	Date:- 29-03-2025 Enrollment No:- 92200133003

DBTransaction.java

```java
package com.prashantsarvaiya;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;

public class DBTransaction {
    private static final String URL = "jdbc:mysql://localhost:3306/aj_practical";
    private static final String USER = "root";
    private static final String PASSWORD = "";

    // Method to establish connection
    public static Connection getConnection() throws SQLException, ClassNotFoundException {
        Class.forName("com.mysql.jdbc.Driver");
        return DriverManager.getConnection(URL, USER, PASSWORD);
    }

    // Method to insert data into the database
    public static boolean insertData(String name, String email, String phone) {
        String sql = "INSERT INTO users (name, email, phone) VALUES (?, ?, ?)";
        try (Connection conn = getConnection();
             PreparedStatement pstmt = conn.prepareStatement(sql)) {
            pstmt.setString(1, name);
            pstmt.setString(2, email);
            pstmt.setString(3, phone);
            return pstmt.executeUpdate() > 0;
        } catch (Exception e) {
            e.printStackTrace();
            return false;
        }
    }
}
```

ConServlet.java

```java
package com.prashantsarvaiya;

import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.IOException;

@WebServlet("/ConServlet")
public class ConServlet extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        // Get parameters from request
        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String phone = request.getParameter("phone");

        // Access ServletContext
        ServletContext context = getServletContext();
        boolean status = DBTransaction.insertData(name, email, phone);

        // Redirect based on insertion result
        if (status) {
            response.sendRedirect("success.jsp");
        } else {
            response.sendRedirect("error.jsp");
        }
    }
}
```

CV.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>
<!DOCTYPE html>
<html>
<head>
    <title>Submit CV</title>
</head>
<body>
    <h2>Submit Your Details</h2>
    <form action="ConServlet" method="post">
        Name: <input type="text" name="name" required><br>
        Email: <input type="email" name="email" required><br>
        Phone: <input type="text" name="phone" required><br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```
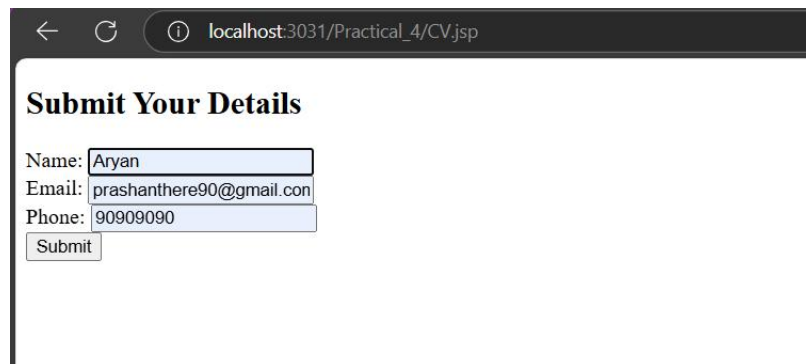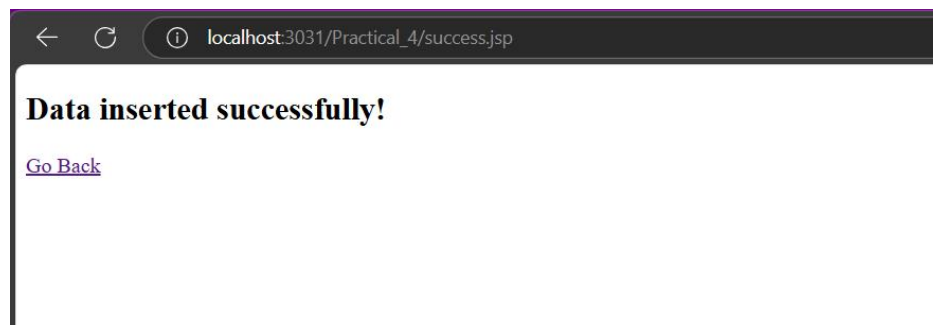
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Success.jsp

```
<!DOCTYPE html>
<html>
<head>
   <title>Success</title>
</head>
<body>
   <h2>Data inserted successfully!</h2>
   <a href="CV.jsp">Go Back</a>
</body>
</html>
```

OUTPUT :

			id	name	email	phone
☐	🖉 Edit	⯳ Copy ⊖ Delete	1	Prashant Sarvaiya	prashu@gmail	09316163578
☐	🖉 Edit	⯳ Copy ⊖ Delete	2	Aryan	prashanthere90@gmail.com	90909090
☐	🖉 Edit	⯳ Copy ⊖ Delete	3	Aryan	prashanthere90@gmail.com	90909090
☐	🖉 Edit	⯳ Copy ⊖ Delete	4	Aryan	prashanthere90@gmail.com	90909090