**Practical-10**

JSPApplicationContextProject/

│── 📁 Web Pages/

│ ├── setApplicationContext.jsp

│ ├── getApplicationContext.jsp

│ ├── index.jsp

│── 📁 WEB-INF/

│ ├── web.xml [ when you choose deployment descripter xml it automatically do the maping code ]

│── 📁 Source Packages/

│── 📁 Libraries/

│── 📁 build/

│── 📁 nbproject/

│── 📁 test/

│── pom.xml (If using Maven)

Steps to Create the Project in NetBeans

Step 1: Create a New Project

1. Open NetBeans.
2. Go to File → New Project.
3. Select Java Web → Web Application → Click Next.
4. Enter Project Name: JSPApplicationContextProject.
5. Choose Server (Apache Tomcat ).
6. Select Java EE Version → Choose Java EE 8 or later.
7. Click Finish.

**Index.jsp**

<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>

<html>

<head>

<title>JSP Application Context Demo</title>

</head>

<body>

<h2>Welcome to JSP Application Context Example</h2>

<ul>

<li><a href="setApplicationContext.jsp">Set Application Context</a></li>

<li><a href="getApplicationContext.jsp">Get Application Context</a></li>

</ul>

</body>

</html>

**setApplicationContext.jsp**

<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>

<%

// Get application context

ServletContext context = application;

// Set an attribute in application scope

context.setAttribute("university", "Parul University");

out.println("<h3>Application Context Attribute Set Successfully!</h3>");

%>

<a href="getApplicationContext.jsp">Go to Get Page</a>

**getApplicationContext.jsp**

<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>

<%

// Get application context

ServletContext context = application;

// Retrieve the stored attribute

String university = (String) context.getAttribute("university");

out.println("<h3>Retrieved Application Context Attribute:</h3>");

out.println("<p>University Name: " + university + "</p>");

%>

<a href="index.jsp">Back to Home</a>