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**Practical 6:Implicit objects**

**Objective:** write a program to demonstrate implicit objects.

**index.jsp**

<%@ page language="java"%>

<%@ page import="java.util.Date" %>

<!DOCTYPE html>

<head>

<title>Index JSP Page</title>

</head>

<body>

<%-- out object example --%>

<table border="1"; style="background-color:#ffffcc; width:30%" >

<caption><h3>JSP Implicit object</h3></caption>

<tr><td><b>Current Time</b></td>

<td><% out.print(new Date()); %></td></tr>

<%-- response object example --%>

<%response.addCookie(new Cookie("Test","Value")); %>

<%-- application object example --%>

<tr><td><b>User context param value</b></td>

<td><%=application.getInitParameter("User") %></td></tr>

<%-- session object example --%>

<tr><td><b>User Session ID</b></td>

<td><%=session.getId() %></td></tr>

<%-- pageContext object example --%>

<% pageContext.setAttribute("Test", "Test Value"); %>

<tr><td><b>PageContext attribute</b></td>

<td>{Name="Test",Value="<%=pageContext.getAttribute("Test") %>"}</td></tr>

<%-- page object example --%>

<tr><td><b>Generated Servlet Name</b>:</td>

<td><%=page.getClass().getName() %></td></tr>

<%-- request object example --%>

<tr><td><b>Request User-Agent</b></td>

<td> <%=request.getHeader("User-Agent") %></td></tr>

</table>

</body>

</html>

**XML CODE:**

**web.xml**

<web-app>

<welcome-file-list>

<welcome-file>index.jsp</welcome-file>

</welcome-file-list>

<context-param>

<param-name>User</param-name>

<param-value>Surendra</param-value>

</context-param>

<servlet>

<servlet-name>xyz</servlet-name>

<jsp-file>/index.jsp</jsp-file>

</servlet>

<servlet-mapping>

<servlet-name>xyz</servlet-name>

<url-pattern>/test</url-pattern>

</servlet-mapping>

</web-app>