## HTTP Header Request Example:

<%@ page import=*"java.io.\*,java.util.\*"* %>

<html>

<head>

<title>HTTP Header Request Example</title>

</head>

<body>

<center>

<h2>HTTP Header Request Example</h2>

<table width=*"100%"* border=*"1"* align=*"center"*>

<tr bgcolor=*"#949494"*>

<th>Header Name</th><th>Header Value(s)</th>

</tr>

<%

Enumeration headerNames = request.getHeaderNames();

**while**(headerNames.hasMoreElements()) {

String paramName = (String)headerNames.nextElement();

out.print("<tr><td>" + paramName + "</td>\n");

String paramValue = request.getHeader(paramName);

out.println("<td> " + paramValue + "</td></tr>\n");

}

%>

</table>

</center>

</body>

</html>

## HTTP Header Response Example:

<%@ page import="java.io.\*,java.util.\*" %>

<html>

<head>

<title>Auto Refresh Header Example</title>

</head>

<body>

<center>

<h2>Auto Refresh Header Example</h2>

<%

// Set refresh, autoload time as 5 seconds

response.setIntHeader("Refresh", 5);

// Get current time

Calendar calendar = new GregorianCalendar();

String am\_pm;

int hour = calendar.get(Calendar.HOUR);

int minute = calendar.get(Calendar.MINUTE);

int second = calendar.get(Calendar.SECOND);

if(calendar.get(Calendar.AM\_PM) == 0)

am\_pm = "AM";

else

am\_pm = "PM";

String CT = hour+":"+ minute +":"+ second +" "+ am\_pm;

out.println("Current Time is: " + CT + "\n");

%>

</center>

</body>

</html>

PROJECT

**html.jsp**

<%@ page contentType="text/html; charset=iso-8859-1" language="java" %>

<**html**>

<**body**>

<**form** name="frm" method="get" action="textInput.jsp">

<**table** width="100%" border="0" cellspacing="0" cellpadding="0">

<**tr**>

<**td** width="22%">&nbsp;</**td**>

<**td** width="78%">&nbsp;</**td**>

</**tr**>

<**tr**>

<**td**>Name Student </**td**>

<**td**><**input** type="text" name="studentName"></**td**>

</**tr**>

<**tr**>

<**td**>&nbsp;</**td**>

<**td**><**input** type="submit" name="submit" value="Submit"></**td**>

</**tr**>

<**tr**>

<**td**>&nbsp;</**td**>

<**td**>&nbsp;</**td**>

</**tr**>

</**table**>

</**form**>

</**body**>

</**html**>

**textInput.jsp**

<%@ page contentType="text/html; charset=iso-8859-1" language="java" %>

<%

**String** studentNameInJSP=request.getParameter("studentName");

%>

<**html**>

<**body**>

Value of input text box in JSP : <%=studentNameInJSP%>

</**body**>

</**html**>

## JSP Example of radio button form

|  |
| --- |
| **radio.jsp** |

<%@ page contentType="text/html; charset=iso-8859-1" language="java" %>

<**html**>

<**body**>

<**form** name="frm" method="get" action="radioInput.jsp">

<**table** width="100%" border="0" cellspacing="0" cellpadding="0">

<**tr**>

<**td** width="22%">&nbsp;</**td**>

<**td** width="78%">&nbsp;</**td**>

</**tr**>

<**tr**>

<**td**>Active <**input** type="radio" name="active" value="Active"></**td**>

<**td**>DeActive <**input** type="radio" name="active" value="DeActive"></**td**>

</**tr**>

<**tr**>

<**td**>&nbsp;</**td**>

<**td**><**input** type="submit" name="submit" value="Submit"></**td**>

</**tr**>

<**tr**>

<**td**>&nbsp;</**td**>

<**td**>&nbsp;</**td**>

</**tr**>

</**table**>

</**form**>

</**body**>

</**html**>

**radioInput.jsp**

<%@ page contentType="text/html; charset=iso-8859-1" language="java" %>

<%

**String** radioInJSP=request.getParameter("active");

%>

<**html**>

<**body**>

Value of radio button box in JSP : <%=radioInJSP%>

</**body**>

</**html**>

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| JSP form is a way to interact with user input with web server or database server. In this, HTML form tag (e.g <input type=”text” name=”name”>, <input type=”password” name=”name”>, <input type=”radio” name=”name”>, <input type=”checkbox” name=”name”>) is used and values inside this form tag can be retrieved by request objects of JSP engine. JSP Example of input text form  |  |  | | --- | --- | | **html.jsp** | [**Output**](javascript:_opN('out/html.jsp')) |     <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <**html**>  <**body**>  <**form** name="frm" method="get" action="textInput.jsp">  <**table** width="100%" border="0" cellspacing="0" cellpadding="0">  <**tr**>  <**td** width="22%">&nbsp;</**td**>  <**td** width="78%">&nbsp;</**td**>  </**tr**>  <**tr**>  <**td**>Name Student </**td**>  <**td**><**input** type="text" name="studentName"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**><**input** type="submit" name="submit" value="Submit"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**>&nbsp;</**td**>  </**tr**>  </**table**>  </**form**>  </**body**>  </**html**>  Get these form value in JSP   |  |  | | --- | --- | | **textInput.jsp** | [**Output**](javascript:_opN('out/html.jsp')) |     <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <%  **String** studentNameInJSP=request.getParameter("studentName");  %>  <**html**>  <**body**>  Value of input text box in JSP : <%=studentNameInJSP%>  </**body**>  </**html**>  html.jsp is html form having input text box. This input box take input from user and send to action=”textInput.jsp” file. In textInput.jsp file, retrieved value from studentName form field with request.getParameter of JSP. Remember name of input text box should be same when fetching request parameter, otherwise it will give null value.  <input type="text" name="**studentName**"> String studentNameInJSP=request.getParameter("**studentName**");  <form name="frm" **method="get"** action="textInput.jsp"> In this form, method using get. Get work in query string and display in address bar of browser e.g http://localhost:8080/ textInput.jsp?studentName=Johny&submit=Submit  Second one is method=”post” <form name="frm" **method="post"** action="textInput.jsp"> When using post method, user can not see what string variable is passing to server. In, Address bar we will see only http://localhost:8080/ textInput.jsp   JSP Example of radio button form  |  |  | | --- | --- | | **radio.jsp** | [**Output**](javascript:_opN('out/radio.jsp')) |     <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <**html**>  <**body**>  <**form** name="frm" method="get" action="radioInput.jsp">  <**table** width="100%" border="0" cellspacing="0" cellpadding="0">  <**tr**>  <**td** width="22%">&nbsp;</**td**>  <**td** width="78%">&nbsp;</**td**>  </**tr**>  <**tr**>  <**td**>Active <**input** type="radio" name="active" value="Active"></**td**>  <**td**>DeActive <**input** type="radio" name="active" value="DeActive"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**><**input** type="submit" name="submit" value="Submit"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**>&nbsp;</**td**>  </**tr**>  </**table**>  </**form**>  </**body**>  </**html**>  **radioInput.jsp**    <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <%  **String** radioInJSP=request.getParameter("active");  %>  <**html**>  <**body**>  Value of radio button box in JSP : <%=radioInJSP%>  </**body**>  </**html**> JSP Example of checkbox button in form  |  |  | | --- | --- | | **checkbox.jsp** | [**Output**](javascript:_opN('out/checkbox.jsp')) |     <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <**html**>  <**body**>  <**form** name="frm" method="get" action="checkboxInput.jsp">  <**table** width="100%" border="0" cellspacing="0" cellpadding="0">  <**tr**>  <**td** width="22%">&nbsp;</**td**>  <**td** width="78%">&nbsp;</**td**>  </**tr**>  <**tr**>  <**td**>State <**input** type="checkbox" name="state" value="state"></**td**>  <**td**>City <**input** type="checkbox" name="city" value="city"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**><**input** type="submit" name="submit" value="Submit"></**td**>  </**tr**>  <**tr**>  <**td**>&nbsp;</**td**>  <**td**>&nbsp;</**td**>  </**tr**>  </**table**>  </**form**>  </**body**>  </**html**>  **checkboxInput.jsp**    <%@ page contentType="text/html; charset=iso-8859-1" language="java" %>  <%  **String** checkboxStateInJSP=request.getParameter("state");  **String** checkboxCityInJSP=request.getParameter("city");  %>  <**html**>  <**body**>  Value of checkbox in JSP : <%=checkboxStateInJSP%> <%=checkboxCityInJSP%>  </**body**>  </**html**> |