**JSP Implicit Objects**

**index.jsp:**

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

<%@ page errorPage = "handle-error.jsp" %>

<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>JSP Implicit Objects</**title**>

</**head**>

<**body**>

<%

String responseCheck = request.getParameter("office");

if (responseCheck != null ) {

response.setStatus(response.SC\_MOVED\_TEMPORARILY);

response.setHeader("Location", "response-redirect.jsp?office=" + responseCheck);

}

String errorCheck = request.getParameter("error");

if (errorCheck != null ) {

int x = 0;

if (x == 0)

throw new RuntimeException("Exception has been raised");

}

%>

<%

int serverPort = request.getServerPort() ;

out.println("The Server is running on port " + String.valueOf(serverPort) + "<**br**>");

out.println("Servlet Name is " + config.getServletName() + "<**br**>");

out.println("Server Info:" + application.getServerInfo() + "<**br**>");

String pageName = page.toString();

out.println("The name of the page is " + pageName + "<**br**>");

pageContext.setAttribute("userid", "John Doe");

out.println("userId attribute from pageContext: " + pageContext.getAttribute("userid") + "<**br**>");

%>

<**a** href="index.jsp?office=head\_office">Show usage of response object</**a**><**br**>

<**a** href="index.jsp?error=1">Show usage of error object</**a**><**br**>

<%

if (response.containsHeader("Office"))

out.println("Current location is " + response.getHeader("Office"));

%>

</**body**>

</**html**>

**response-redirect.jsp:**

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

<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>Get Header Example</**title**>

</**head**>

<**body**>

<%

String office = request.getParameter("office");

if (office != null)

out.println("value of Office obtained :" + office + "<**br**>");

else

out.println("No value of Office found<**br**>");

%>

</**body**>

</**html**>

**handle-error.jsp:**

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

<!DOCTYPE html>

<**html**>

<**head**>

<**meta** charset="UTF-8">

<**title**>Error Handling page</**title**>

</**head**>

<**body**>

<% exception.printStackTrace(response.getWriter()); %>

<**hr**>

An exception was generated. Details are above:<**br**>

</**body**>

</**html**>