**JSP Implicit Objects**

**Index.html:**

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

pageEncoding=*"ISO-8859-1"* errorPage=*"Error.jsp"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%

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

**if**(responseCheck!=**null**){

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

response.setHeader("location","Response.jsp?office="+responseCheck);

}

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

**if**(errorCheck!=**null**){

**int** x=0;

**if**(x==0)

**throw** **new** RuntimeException("Exception has beem 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","Vikram");

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"*>Show Usage of Error Object</a>

<%

**if**(response.containsHeader("office"))

out.println("Current Location is "+response.getHeader("office"));

%>

</body>

</html>

**Response.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<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>

**Error.jsp:**

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

pageEncoding=*"ISO-8859-1"* isErrorPage=*"true"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Error Handling Page</title>

</head>

<body>

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

<hr>

An Exception Was Generated.Details are Above:<br>

</body>

</html>

**Web.xml:**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<display-name>JSPImplicitObjects</display-name>

<welcome-file-list>

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

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

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

<welcome-file>default.html</welcome-file>

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

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

</web-app>