Function of 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>

//Creating a JSP file 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>

//Creating a JSP file 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>