

### **Practical No. 14**

**Objective:** Design an error page in JSP and this page must be called whenever there is some error in the main.jsp. Use exception implicit object to display the details of error occurred.

#### **Theory:**

The exception is normally an object that is thrown at runtime. Exception Handling is the process to handle the runtime errors. There may occur exception any time in your web application. So handling exceptions is a safer side for the web developer. In JSP, there are two ways to perform exception handling:

1. By `errorPage` and `isErrorPage` attributes of `page` directive
2. By `<error-page>` element in `web.xml` file

#### **Source Code:**

##### **index.jsp**

```
<form action="process.jsp">
No1:<input type="text" name="n1" /><br/><br/>
No1:<input type="text" name="n2" /><br/><br/>
<input type="submit" value="divide"/>
</form>
```

##### **process.jsp**

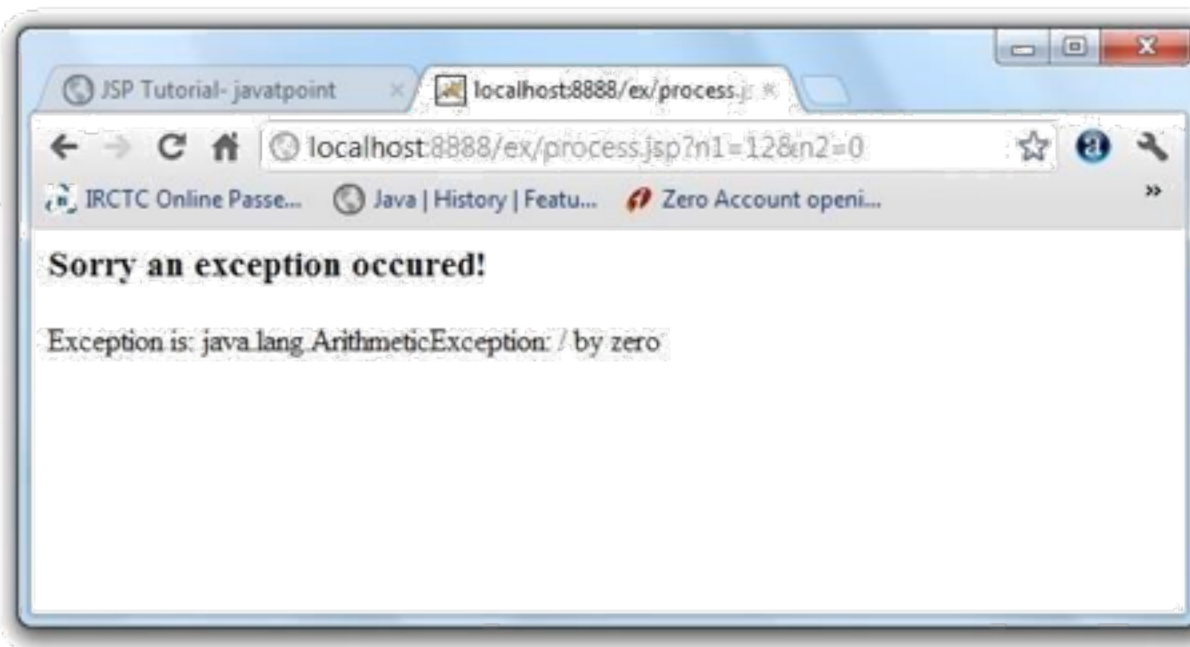
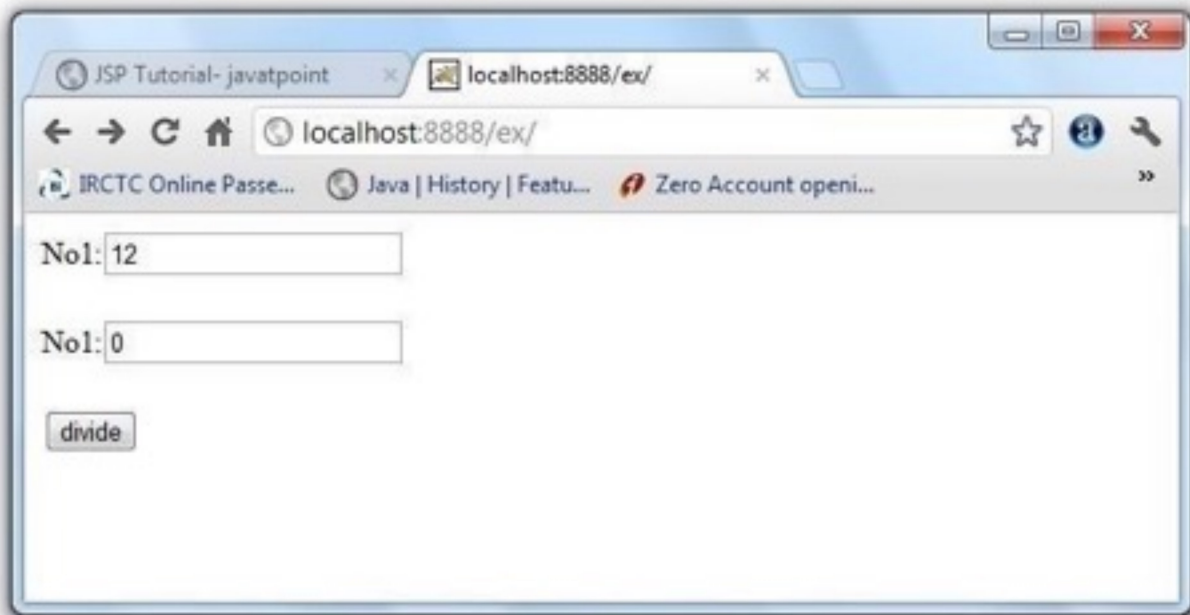
```
<%@ page errorPage="error.jsp" %>
<%
String num1=request.getParameter("n1");
String num2=request.getParameter("n2");
int a=Integer.parseInt(num1);      int
b=Integer.parseInt(num2);          int c=a/b;
out.print("division of numbers is: "+c);
%>
```

##### **error.jsp**

```
<%@ page isErrorPage="true" %>
<h3>Sorry an exception occurred!</h3> Exception is: <%=
exception %>
```

#### **Output:**





**Result:** The given program has been compiled and executed successfully.