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Exception Handling in JSP (2nd type)

By specifying the error page element in web.xml file we can handle exception in jsp application.

This approach is supposed to be better because we do not need to specify the errorPage attribute in each jsp page. We can specify the single entry in the web.xml ~~file~~ ^{file} as: -

```
<error-page>
  <exception-type> java.lang.Exception </exception-type>
  <location> /error.jsp </location>
```

```
</error-page>
```

Here, error.jsp is the file where exception handling is mentioned.

In this mechanism there are four files -

web.xml, index.jsp, process.jsp
and error.jsp

Let us write coding for each file: -

web.xml: -

```
<web-app>
  <error-page>
  <exception-type> java.lang.Exception </exception-type>
  <location> /error.jsp </location>
  </error-page>
</web-app>
```

web.xml file can also be written as:-

```

<web-app>
<error-page>
  <error-code> 500 </error-code>
  <location> /error.jsp </location>
</error-page>
</web-app>

```

index.jsp file:-

```

<form action = "process.jsp">
  Enter Number first <input type = "text" name = "n1">
  <br/>
  Enter Number second <input type = "text" name = "n2">
  <br/>
  <input type = "submit" value = "divide"/>
</form>

```

process.jsp file:-

```

<%@ 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("Divide by Result is : " + c); %>

```

error.jsp file :-

<% @ page isErrorPage = "true" %>

<h1> Exception in the program </h1>

Exception type is :

<% = exception %>



That's all today. Tomorrow we will discuss about JSP Action tags,

