JSTL XML <X:PARAM> TAG

The <x:param> tag is used along with the transform tag to set a parameter in the XSLT stylesheet

Attribute:

The <x:param> tag has following attributes:

Attribute	Description	Required	Default
name	Name of the XSLT parameter to set	Yes	Body
value	Value of the XSLT parameter to set	No	None

Example:

Consider the following XSLT stylesheet style.xsl. Note the usage of <xsl:param...> tag and a variable {$bgColor}:

```
<?xml version="1.0"?>
<xsl:stylesheet xmlns:xsl=
"http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:output method="html" indent="yes"/>
<xsl:param name="bgColor"/>

<xsl:template match="/">
  <html>
  <body>
   <xsl:apply-templates/>
  </body>
  </html>
</xsl:template>

<xsl:template match="books">
  <table border="1" width="50%" bgColor="{$bgColor}">
    <xsl:for-each select="book">
      <tr>
        <td>
          <i><xsl:value-of select="name"/></i>
        </td>
        <td>
          <xsl:value-of select="author"/>
        </td>
        <td>
          <xsl:value-of select="price"/>
        </td>
      </tr>
    </xsl:for-each>
  </table>
</xsl:template>
</xsl:stylesheet>
```

Now consider the following JSP file where we define the value of bgColor using <x:param> tag inside <x:transform> tag:

```
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="x" uri="http://java.sun.com/jsp/jstl/xml" %>

<html>
<head>
```

```html
      <title>JSTL x:transform Tags</title>
</head>
<body>
<h3>Books Info:</h3>
<c:set var="xmltext">
   <books>
      <book>
         <name>Padam History</name>
         <author>ZARA</author>
         <price>100</price>
      </book>
      <book>
         <name>Great Mistry</name>
         <author>NUHA</author>
         <price>2000</price>
      </book>
   </books>
</c:set>

<c:import url="http://localhost:8080/style.xsl" var="xslt"/>
<x:transform xml="${xmltext}" xslt="${xslt}">
   <x:param name="bgColor" value="grey"/>
</x:transform>

</body>
</html>
```

This would produce following result:

Books Info:

Padam History	ZARA	100
Great Mistry	NUHA	2000