

Reference websites:

You can use any websites that you are comfortable with*

<https://www.javatpoint.com/jstl>

<https://www.geeksforgeeks.org/jstl-jsp-standard-tag-library/>

<https://www.baeldung.com/jstl>

Download the jstl jar file and add it to classpath.

Add this in JSP's: `<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"%>`

- 1) Jstl makes development bit easy instead of using custom tags,scriptlets,etc.
- 2) If there is a List of data items from Database like List of providers, to display them in the UI we can use **c:forEach** .
- 3) For any conditional basis displays. We can **c:if**
- 4) To set a value to any variable and send to backend we can use **c:set**
- 5) **c:url** is used for any URL submission to backend.

Usage #1:

In our application, in case of login failure we are displaying the error page. Instead we will make a change to display "Error message that login is failed" in the welcome.jsp instead of error.jsp

Example:

```
<c:if test="${not empty errorMessage}">
  <c:out value="${errorMessage}"/>
</c:if>
```

errorMessage = this will be the attribute in the Login Controller.