References: <http://www.selfgrowth.com/articles/importance-of-jsp-as-web-hosting>

https://beginnersbook.com/jsp-tutorial-for-beginners/

**JAVA SERVER PAGES**

Java Server Pages (JSP) is a server side programming language that is a Java programming language that does all the processing at server. It is easy to use and to maintain. It commonly used for creating dynamic web applications.

**Directives**

JSP directives are used for controlling the processing of a JSP page. Directives provide information to the server on how the page should be processed.

* [Page and Taglib directive](https://beginnersbook.com/2013/05/jsp-tutorial-directives/) – Page directive and it’s attributes in detail along with the introduction of taglib directive.
* [Include Directive](https://beginnersbook.com/2013/11/jsp-include-directive/) – Includes the page to the current page during JSP to servlet translation.
* [Include directive with parameters](https://beginnersbook.com/2013/12/jsp-include-directive-with-parameters-example/) – This guide will help you learn how to pass parameters and their values to another page while using include directive.

**Scriptlets**

We can use java code in JSP using scriptlets. The JSP container moves the scipetlet content into the \_jspService() method which is available to the server during processing of the request.

[Scriptlet tutorial](https://beginnersbook.com/2013/05/jsp-tutorial-scriptlets/) – It will help you learn how to use scriptlet in JSP.

**Action Tags**

They are used for performing an action during request processing phase of JSP life cycle.

* [Action tags introduction](https://beginnersbook.com/2013/06/jsp-tutorial-actions/) – An introduction to all the available action tags in JSP
* [Include action tag](https://beginnersbook.com/2013/11/jsp-include-action-tag/) – This tag is used for including a file to the current JSP during request processing (dynamically).
* [Include action tag with parameters](https://beginnersbook.com/2013/12/jsp-include-with-parameter-example/) – <jsp:include> and <jsp:param> example for passing parameters while including another page to the current page.
* [forward action tag](https://beginnersbook.com/2013/11/jsp-forward-action-tag/) – It is used for redirecting the request to another page.
* [useBean, setProperty and getProperty action tags](https://beginnersbook.com/2013/11/jsp-usebean-setproperty-getproperty-action-tags/) – Learn how to use bean class in JSP.

**Expressions**

[Expression tag](https://beginnersbook.com/2013/11/jsp-expression-tag/) – Mainly used for displaying the content on the browser by sending back the result to client through response object.

**Declarations**

[Declaration tag](https://beginnersbook.com/2013/11/jsp-declaration-tag/) – Learn how to declare variables and methods in JSP.

**JSP Implicit Objects**

These objects are created by JSP container while translating the JSP page to Servlet. These objects are present inside service methods so we can directly use them without declaration.

* [Introduction to implicit objects](https://beginnersbook.com/2013/11/jsp-implicit-objects/)
* [out implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-out-with-examples/)
* [request implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-request-with-examples/)
* [response implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-response-with-examples/)
* [session implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-session-with-examples/)
* [application implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-application-with-examples/)
* [exception implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-exception-with-examples/)
* [pageContext implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-pagecontext-with-examples/)
* [config implicit object](https://beginnersbook.com/2013/11/jsp-implicit-object-config-with-examples/)

**Expression language(EL) in JSP**

[Expression language(EL)](https://beginnersbook.com/2013/11/jsp-expression-language-el/) – We can easily access the data of variables, bean components and expressions using Expression language. Must read tutorial for JSP beginners.

**Exception handling**

[Exception handling in JSP](https://beginnersbook.com/2013/11/jsp-exception-handling/) –  A complete tutorial to learn exception handling in JSP. We have shared two methods to handle exceptions.

**Custom Tags**

* [Custom tags in JSP](https://beginnersbook.com/2014/01/jsp-custom-tags-with-example-jsp-tutorial/)
* [How to access the body of custom tags](https://beginnersbook.com/2014/01/how-to-access-body-of-custom-tags-in-jsp-tutorial/)