

1. What is the main value of Java Server Pages? Allowing developers to insert java code in HTML pages
2. How are JSP pages related to servlets? JSP is essentially a servlet, one should understand servlets to effectively deal with JSPs. Invoking the `jspInit()` method before servicing any requests
3. How are JSP pages related to HTML? By making use of special JSP tags, most of which start with `<`.
4. Give an example of a JSP scriptlet and show how it will look in the JSP servlet. it will look in the JSP servlet: `count++;`
5. Give an example of a JSP declaration and show how it will look in the JSP servlet. it will look in the JSP servlet: `int count = 0;`
6. Give an example of a JSP comment and show how it will look in the JSP servlet. it will not appear in the JSP servlet
7. Give an example of a JSP expression and show how it will look in the JSP servlet. it will look in the JSP servlet: `out.println(++count);`
8. Give an example of a JSP directive and show how it will look in the JSP servlet. it will look: `session="false"`
9. Explain how an EL expression is evaluated. When evaluating the expression `${product}`, the container will look for product in the page, request, session, and application scopes and will return its value. If product is not found, null is returned
10. Explain how servlet attributes are involved in EL expressions. EL expressions assume that the first identifier in the expression is the key of a servlet attribute, and searches through the different attribute scopes using that key.
11. Explain how servlets and JSPs use request dispatch to interact. Servlets make JSP take over a request by first
 1. Putting the model data into a request scope (`request.setAttribute("styles", result)`).
 2. Getting the dispatcher for view JSP (`request.getRequestDispatcher("result.jsp")`);
 3. Tell the JSP to take over by passing the request and response object (`view.forward(request, response)`)