

Introduction to Servlets Quiz	
What is the difference between a web server and a web container?	Web container also known as a Servlet container is the component of a web server that interacts with Java servlets. ... Web containers are a part of a web server and they generally processes the user request and send a static response. Servlet containers are the one where JSP created components reside.
What is a servlet?	Servlet is a java class that extends the capabilities of servers that host applications access by means of a request-response programming model.
How do web servers and web containers interact with servlets?	A web container handles requests to servlets , JavaServer Pages (JSP) files, and other types of files that include server -side code. The Web container creates servlet instances, loads and unloads servlets, creates and manages request and response objects, and performs other servlet-management tasks.
Who creates request objects?	Web Container creates request objects.
What are the states in the servlet lifecycle?	Initialization - Service/Execution - Shutdown/Destruction
Who calls init() and when?	<p>The init method is called only once. It is called only when the servlet is created, and not called for any user requests afterwards. So, it is used for one-time initializations, just as with the init method of applets.</p> <p>The servlet is normally created when a user first invokes a URL corresponding to the servlet, but you can also specify that the servlet be loaded when the server is first started.</p>
Which of init, service, and doGet should you override?	<p>init() - Do you override it? Possibly.</p> <p>service() - No. Very unlikely.</p> <p>doGet() and/or doPost() - Do you override it? ALWAYS at least ONE of them! (doGet() or doPost())</p>
In what sense are servlets multi-threaded?	If a servlet implements the SingleThreadModel interface, the container will not execute the service () method in more than one thread simultaneously. The servlet container may synchronize access to a single instance of the servlet
What are the implications of this for servlet instance variables?	Local variables are not available to other threads and thus don't need to be carefully protected from corruption. At the same time, however, local variables are not persistent between requests, so we can't use them to store the persistent state of our counter.