

## Servlet Questions

What does HTML stand for and what is it?

Show the basic format of an HTML document.

What is the syntax of HTML (XML) comments?

Explain the HTML elements: *h1*, *p*, *br*, *hr*, *ol*, *ul*, *li*, *table*, *tr*, *th*, *td*, *pre*, and *a*.

What does *css* stand for and how is it used?

The hypertext transport protocol defines the rules for communication between a client and a server. On which side of the connection is the browser, usually.

Which port does HTTP normally use?

Suppose that a client wants a file *example.html* residing at *slonnegr/tomcat5* on the server *webdev.cs.uiowa.edu*. Write command lines using *telnet* that will fetch this file.

Explain the difference between static web pages and dynamic web pages.

Write the signature (the header) of the *doGet* method.

Explain the purpose of the methods *init* and *destroy*.

How do we indicate the kind of content the document sends back to the client from a servlet?

What exception do servlet methods commonly throw?

Explain the methods *setContentType* and *getWriter*.

Where do servlets go on *webdev*?

What purpose does the *web.xml* file serve?

Show how a servlet is specified in the *web.xml* file.

We access a servlet by entering a URL into a browser. What part of the URL is specified in *web.xml*? Where and how?

Explain the difference between GET and POST.

What is the purpose of URL encoding?

Describe the input elements in an HTML form.

Show an example of an opening tag for an HTML *form* element that specifies the action and method attributes. Explain the purpose of each.

Write a code fragment that extracts all parameters (name and value) from the `HttpServletRequest` object *request*. Just assign them to the variables *name* and *value* over and over.