Quiz 11 (W3D2) ID: Name:

1. What is the difference between attributes and parameters?

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|  | Attributes | Parameters |
| Types | Application/Context  Request  Session | Application/Context init parameters  Request parameters  Servlet init parameters |
| Method to Set | setAttribute(String name, Object value) | You cannot setApplication and Servlet init parameters – They’re set in the DD. With Request parameters, you can adjust the query string. |
| Return Type | Object | String |
| Method to get | getAttrribute(String name) | ServletContext, ServletConfig:  getInitParameter(String name)  HttpServletRequest:  getParameter(String name) |

1. Give 5 different methods for maintaining state information (count each attribute scope as one method).

* Container managed state (3 scopes)

1. request scope: destroyed when servlet finishes processing request
2. session scope: destroyed when user closes browser
3. application scope destroyed when Container stopped.
4. WebStorage/Cookies saved on browser
5. Hidden fields on a form
6. URL Rewriting
7. What is the purpose of URL rewriting?

When cookies isn’t allowed in browser, use URL rewriting to maintain state information

1. What does it mean to say that http is stateless? Give an example of a stateful protocol.

Every request is a new request, never memorize previous requests.

TCP