

January 11, 2012

Web Technologies Assignment 9

Please hand in your homework by email to pgiarrusso@informatik. The deadline for this assignment is January 16.

If at all possible, please bring your laptop to the following exercises.

G9.1 JSP

1. Write a JSP that prints the first 10000 natural numbers.
2. Write two JSPs (in fact one is an HTML document) where the first one has an input form. Submitting this form should call the second JSP, which in turn prints the natural numbers up to the submitted number.

You may find the following useful:

```
<%  
    String name = request.getParameter( "username" );  
    session.setAttribute( "theName", name );  
%>
```

G9.2 Expression Language and Tag Libraries

1. Rewrite the second JSP in exercise G9.1.2 such that only the expression language and JSTL are used (no other code embeddings).
2. Modify this solution such that every second number is printed in red.
3. Try the same using tag libraries.
4. Compare the expression language and tag library approach against the standard JSP approach. Think of appropriate criteria first.

H9.1 JSP vs Tags

Do group exercise G9.2.4.

H9.2 Library Management Shopping, again

Do exercise H8.1 using JSP only, i.e. do not write any servlets. Hand in the compiled JSP (which then is a servlet) such that I can run without using Eclipse. Hand in an explanation for running your program as well if you see that necessary.