

Exercises for Day 1

Keywords: Starting up, finding a bug, versioning, good code practise

Exercise 1: Typing your first javascript and test it.

1. Make a folder for your Javascripts on the desktop.
2. Find and install a non-wysiwyg editor (e.g. PHPdesigner – link on sharepoint site) on the your computer.
3. Open the editor and type in the following code.

```
<html>
<head>
  <title>listing 2</title>
</head>
<body>

<script language = "javascript">
  alert("Hello World !");
</script>

</body>
</html>
```

4. Save the code as hello.html in your javascript folder.
5. Open the file hello.html with Firefox and Microsoft Explorer. What happens?
6. View the source code using View>Source in the browser. What happens?
7. Open the file hello.html with PHPdesigner.
8. Try to preview hello.html with the internal browser in PHPdesigner. What happens ?

Exercise 2: Finding the bug.

1. Open hello.html in the editor.
2. Change the javascript code by removing the last `)` in the code.

```
alert("Hello World !");    => alert("Hello World !";
```

This little change will create a bug = error in the code.

3. Save the file as helloBug.html in the javascript folder and test it using preview. What happens?

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Exercise 3: Versioning

1. Make a file **start.html** that will write the sentence *'This is the start of something new'* in a alert box when open in a browser. Save it and test it. Save it also as **start1.html** (version 1).
2. Change the javascript code of start1.html so that instead of one alert box, the Browser will display the text 'This is the start' in its document part and the words 'of', 'something', 'new' in 3 different alert boxes.
3. Save it and test it. Save it also as start2.html and make your own version.
4. White some comments in the javascript (with // and /* */) where you describe the author of this code, the version of the code and when it was made etc.

Good coding practice :

- *Develop your code in small incremental steps.*
- *Remember to save a working version of your program with its own version number before you continue coding.*
- *Reuse working code e.g. start with the hello.html and change the file to something new.*

In Pollock

Project 1-1 Type in the Script an test it in the browser.

Question: "Why does the book use <!-- and //--> in the code on page 11 ?

Project 2-2 Call an External Script from an HTML document

Modul 1 mastery check

Modul 2 mastery check

Exercises for Day 1

Extra exercises:

1. Make a webpage with XHTML, CSS, JavaScript that validates to XHTML 1.0 Strict.
2. Find some more examples where Javascript is used in a smart way. Explain why it is smart.