HTML-CSS3

Study guide

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1. Introduction

In this document you will find at first an overview of the learning objectives for this training course. After that a chronological guide is provided which leads you through the learning objectives, belonging theoretical resources and exercises.

A general description of the approach of this training is available in the document “Introduction to the training”.

1. Overview of the learning objectives

In the table below you see an overview of learning objectives.

| Learning objectives |
| --- |
| Is able to create a basic html page with elements: DOCTYPE, HTML, HEAD, STYLE, BODY and DIV |
| Is able to explain the use of a DIV element as a container for other elements |
| Is able to explain the use a FORM element |
| Is able to explain the use of a TABLE element |
| Is able to explain the use of the action- and method attribute in a FORM element |
| Is able to apply elements: TABLE, TR, TD, SELECT, LABEL, INPUT, BUTTON in a FORM element |
| Is able to explain the purpose of the name-, id- and class attribute of an html element |
| Is able to apply basic CSS syntax |
| Is familiar with basic style properties |
| Is able to apply basic internal CSS styles in the STYLE element |
| Is able to apply basic CSS styles in an external CSS file |
| Is able to apply an id selector and a class selector in CSS |

1. Chronological guide

In this chapter all topics are listed in chronological order. The texts of the exercises can be found in the separate exercises document.

* 1. HTML

The following learning objectives will introduce you to HTML. You will become familiar with common HTML elements and how to use them.

| Learning objective | Theoretical resources |
| --- | --- |
| Is able to create a basic html page with elements: DOCTYPE, HTML, HEAD, STYLE, BODY and DIV | <https://www.w3schools.com/html/html_basic.asp>  <https://www.w3schools.com/html/html_elements.asp>  <https://www.w3schools.com/tags/tag_div.asp>  Perform the W3Schools Exercises for each module |
| Is able to explain the use of a DIV element as a container for other elements | <https://www.w3schools.com/tags/tag_div.asp>  Perform the W3Schools Exercises for each module |
| Is able to explain the use a FORM element | <https://www.w3schools.com/html/html_forms.asp>  <https://www.w3schools.com/html/html_forms_attributes.asp>  <https://www.w3schools.com/html/html_form_elements.asp>  <https://www.w3schools.com/html/html_form_input_types.asp>  <https://www.w3schools.com/html/html_form_attributes.asp>  <https://www.w3schools.com/html/html_form_attributes_form.asp>  Perform the W3Schools Exercises for each module |
| Is able to explain the use of a TABLE element | <https://www.w3schools.com/html/html_tables.asp>  Perform the W3Schools Exercises for each module |
| Is able to explain the use of the action- and method attribute in a FORM element | <https://www.w3schools.com/tags/att_name.asp>  <https://www.w3schools.com/html/html_id.asp>  <https://www.w3schools.com/html/html_classes.asp>  Perform the W3Schools Exercises for each module |
| Is able to apply elements: TABLE, TR, TD, SELECT, LABEL, INPUT, BUTTON in a FORM element | <https://www.w3schools.com/html/html_tables.asp>  <https://www.w3schools.com/html/html_forms.asp>  Perform the W3Schools Exercises for each module |
| Is able to explain the purpose of the name-, id- and class attribute of an html element | <https://www.w3schools.com/tags/att_name.asp>  <https://www.w3schools.com/html/html_id.asp>  <https://www.w3schools.com/html/html_classes.asp>  Perform the W3Schools Exercises for each module |

* 1. CSS

The following learning objectives will introduce you to CSS. You will learn to apply styles to HTML elements and design a simple web page.

| Learning objective | Theoretical resources |
| --- | --- |
| Is able to apply basic CSS syntax | <https://www.w3schools.com/css/css_syntax.asp>  Perform the W3Schools Exercises for each module |
| Is familiar with basic style properties | <https://www.w3schools.com/jsref/dom_obj_style.asp>  Perform the W3Schools Exercises for each module |
| Is able to apply basic internal CSS styles in the STYLE element | <https://www.w3schools.com/html/html_head.asp>  Perform the W3Schools Exercises for each module |
| Is able to apply basic CSS styles in an external CSS file | <https://www.w3schools.com/css/css_howto.asp>  Perform the W3Schools Exercises for each module |
| Is able to apply an id selector and a class selector in CSS | <https://www.w3schools.com/css/css_selectors.asp>  Perform the W3Schools Exercises for each module |

Continue with the Final Exercise.

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