UNIVERSITY OF TWENTE.



WEB TECHNOLOGY

TUTORIAL SESSION #2 FOR "WE CREATE IDENTITY" BASICS OF HTML AND STYLESHEETS (CSS)

Module 1 - We Create Identity



HTML BASICS ELEMENTS

Start tag



Try it Yourself

This is a paragraph.This is another paragraph.



Content is everything between start and end tag

Learn HTML @ **u3schools.com**

This is a paragraph containing text.

Element content

End tag

WE CREATE IDENTITY

HTML STRUCTURE



<!doctype html> <html> <head> <meta charset="utf-8"> <title>Hello world</title> <style type="text/css"> .italictekst { font-style: italic;

</style> </head>



Learn HTML @ **u3s**chools.com

Hello world!

</body> </html>

CODEPEN codepen.io/vanslooten/pen/XJwVBg



- Attributes provide additional information about an element
- Attributes are always specified in the start tag
- Attributes come in name/value pairs like name="value"



COMMON ELEMENTS

 <A>





DESIGN > LAYOUT







Choices when creating your site:

- Basic HTML/CSS layout
- Grid/flexbox layout (CSS)
- Use a template or framework
- Use WordPress (+theme with layout)

HTML LAYOUTS: <DIV>

- Section or part
- Container: group elements
- Base element to create layout
- Overlap?: use z-index



Tip: experiment/test? Cities Use different background-colors for divelements London w3schools: layout, div element, positioning

tutorial: learnlayout.com

London Paris <u>Tokyo</u>

London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.

Standing on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium

Try it Yourself »

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STYLESHEETS

CASCADING STYLESHEETS: CSS

- Separate structure from presentation
- Presentation is defined by style-rules
- External stylesheet: 1 style for <u>entire site</u>





STYLE EXAMPLE

selector { stylerule; ... }



w3schools: <u>css</u>, <u>selectors</u>, <u>selector reference</u>, <u>units</u>



CSS Box Model, margins, padding, borders

codepen.io/vanslooten/pen/KxyPWr

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STYLE: MENU & PAGE LAYOUT



STYLE: MENU & PAGE LAYOUT







.

▼ Fork

Change View

codepen.io/vanslooten/full/xGOepg/



W3.CSS Color Classes W3.CSS Color Material W3.CSS Color Flat UI W3.CSS Color Metro UI W3.CSS Color Win8 W3.CSS Color Libraries W3.CSS Color Schemes W3.CSS Color Themes W3.CSS Color Generator

Examples

W3.CSS Examples W3.CSS Demos W3.CSS Templates

References

W3.CSS References W3.CSS Downloads

W3.CSS RESPONSIVE CSS FRAM

NIVERSITY OF TWENTE.

RESPONSIVE CSS FRAMEWORK WITH SOME NICE TEMPLATES

w3schools.com/w3css









EDITING & TESTING

- Edit → Test/Preview → Complete?: upload
- Editor tips:
 - Atom
 - Visual Studio Code
- Browser: Right-click > Inspect: view how piece of a page is made/styled



CREATE A BLOG IN HTML

<article>

<hl><hl>Example Blog post</hl>
<address class="author">By John Doe</address></address>

• Add at least: title & date

- Clear mark of beginning and end
- Latest on top

Example Blog post

By John Doe

Sept 11th, 2018

This example code shows how you could setup a Blog post in plain HTML. With the added CSS some styling and basic layout is done. Please be aware that a Blog post should have at least a title, an author, a date and one or more paragraphs of content. Blog posts should be in reverse chronological order, so latest one on top!

Want to add a "Read more/less" expandable section to this article? Look here

codepen.io/vanslooten/pens/tags/?selected_tag=blog