

Information Technology Application I

LEARNING MATERIALS



HTML

CSS

JS and
Ajax

facebook 16 Search

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What's on your mind?

Informatic Engineering Department
Universitas Komputer Indonesia

DEFINITIONS

HTML

Hypertext Markup Language (HTML) is the predominant markup language for web pages. HTML elements are the basic building-blocks of webpages.

HTML is written in the form of HTML elements consisting of *tags*, enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags, known as *empty elements*, are unpaired, for example . The first tag in a pair is the *start tag*, the second tag is the *end tag* (they are also called *opening tags* and *closing tags*). In between these tags web designers can add text, tags, comments, and other types of text-based content.

CSS

Cascading Style Sheets (CSS) is a style sheet language used to describe the presentation semantics (the look and formatting) of a document written in a markup language. Its most common application is to style web pages written in HTML and XHTML, but the language can also be applied to any kind of XML document, including plain XML, SVG and XUL.



DEFINITIONS

JAVASCRIPT

JavaScript is a prototype-based scripting language that is dynamic, weakly typed and has first-class functions. It is a multi-paradigm language, supporting object-oriented,^[6] imperative, and functional^{[1][7]} programming styles. **CSS**

AJAX

Ajax (also AJAX; pronounced /'eɪdʒæks/; an acronym for asynchronous JavaScript and XML)^[1] is a group of interrelated web development methods used on the client-side to create interactive web applications. With Ajax, web applications can send data to, and retrieve data from, a server asynchronously (in the background) without interfering with the display and behavior of the existing page. Data is usually retrieved using the XMLHttpRequest object. Despite the name, the use of XML is not needed (JSON is often used instead), and the requests do not need to be asynchronous.^[2]



Content Of Material

HTML and CSS (1/2 Semester)

Section I: HTML Basic

Chapter 1: HTML Getting Started

Chapter 2: HTML Fundamentals

Chapter 3: HTML Elements.

Chapter 4: HTML Attributes

Chapter 5: HTML Headings, Rules, & Comments

Chapter 6: HTML Paragraphs

Chapter 7: HTML Text Formatting

Chapter 8: HTML Styles

Chapter 9: HTML Links

Chapter 10: HTML Images

Chapter 11: HTML Tables

Chapter 12: HTML Lists

Chapter 13: HTML Forms & Input

Chapter 14: HTML Color

Chapter 15: HTML 4.01 Quick List.

Section II: HTML/CSS Advanced

Section II: HTML/CSS Advanced

Chapter 16: HTML Layout

Chapter 17: HTML Frames

Chapter 18: HTML Fonts

Chapter 19: Why Use HTML 4.0?

Chapter 20: HTML CSS Styles

Chapter 21: HTML Character Entities

Chapter 22: HTML Head & Meta Elements

Chapter 23: HTML Uniform Resource Locators

Chapter 24: HTML Scripts

Chapter 25: HTML Standard Attributes

Chapter 26: HTML Event Attributes

Chapter 27: HTML URL Encoding

Chapter 28: Turn Your PC Into a Web Server

Chapter 29: HTML and CSS Summary



Content Of Material

JS and AJAX (1/2 Semester)

Section I: JavaScript Basic

Section II: JavaScript Objects

Section III: JavaScript Advanced

Section IV: AJAX Basic

Section V: AJAX Advanced



Applications

Editor

Ultra Edit

Frontpage

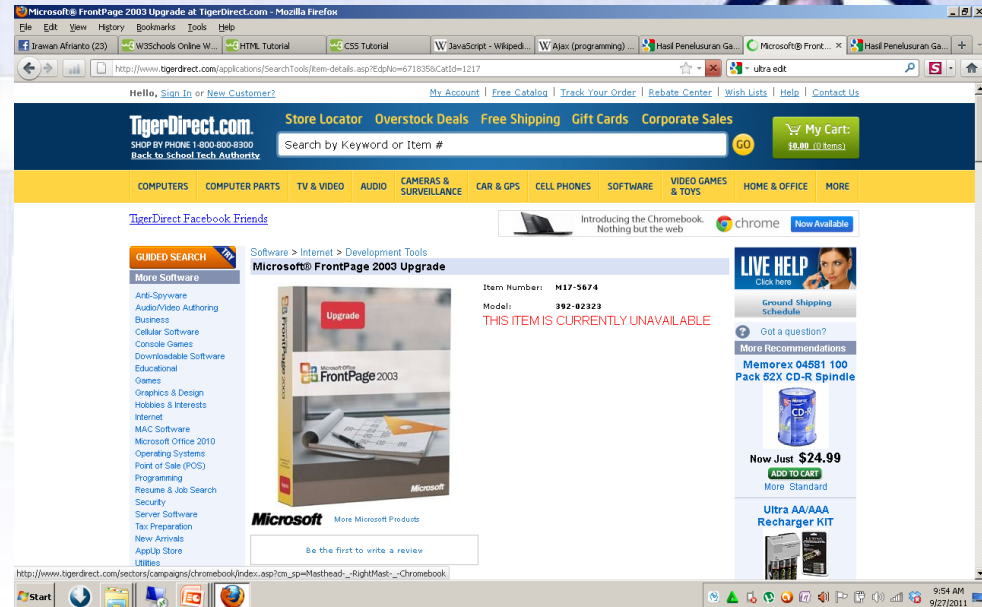
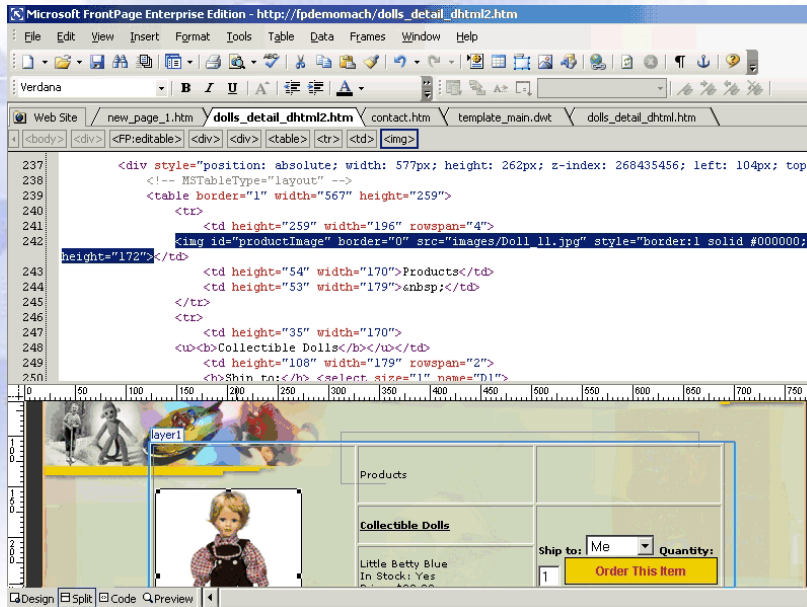
Dreamweaver

Web Browser

IE

Firefox

Opera



Rules and Scoring

Aturan :

1. Keterlambatan maks 10 Menit Sebelum Perkuliahan Berlangsung
2. Setiap Pertemuan ada tugas / sesuai dengan materi yang diberikan
3. Materi dan Tugas Berada Dikomputer Dosen Yang dapat diakses melalui FTP

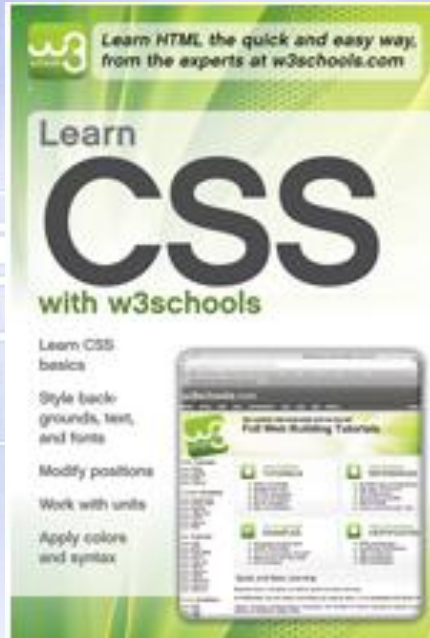
Nilai Akhir :

10% Absensi + 10% Quiz + 25% Tugas + 25% UTS + 30% UAS

Indeks:

NILAI	INDEKS	PREDIKAT
$80 \leq NA \leq 100$	A	LULUS, SANGAT BAIK
$68 \leq NA \leq 79$	B	LULUS, BAIK
$56 \leq NA \leq 67$	C	LULUS, CUKUP BAIK
$45 \leq NA \leq 55$	D	LULUS, KURANG
$0 \leq NA \leq 44$	E	TIDAK LULUS

Books and Site



<http://www.w3schools.com>

THANK U



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WWW