

Front-End Web Developer

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1 & 2	1	01.02 Choose a tool for writing HTML
1 & 2	1	01.03 Post HTML to a hosting service
1 & 2	1	01.04 Define HTML05
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		STRUCTURING AN HTML DOCUMENT
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3 & 4	2	02.02 Recognize the standard HTML tags for every web page
3 & 4	2	02.03 Add paragraphs and line breaks
3 & 4	2	02.04 Create HTML headlines
3 & 4	2	02.05 Use semantic tags
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		INTRODUCING CSS
5 & 6	3	03.01 Define CSS
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5 & 6	3	03.03 Write a basic CSS style sheet
5 & 6	3	03.04 Use internal and external style sheets
5 & 6	3	03.05 Add CSS classes and IDs
5 & 6	3	03.06 Understand the basics of CSS03
5 & 6	3	03.07 Summary
		BUILDING AND STYLING HTML TEXT
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7 & 8	6	06.03 Create definition lists
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		UNDERSTANDING HTML05 SEMANTIC ELEMENTS
9 & 10	7	07.01 Recognize sectioning elements
9 & 10	7	07.02 Add figures
9 & 10	7	07.03 Include document headers and footers
9 & 10	7	07.04 Create HTML05 outlines
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		ADDING IMAGES AND MULTIMEDIA
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11	8	08.03 Use background images
11	8	08.04 Link to documents and PDFs
11	8	08.05 Add HTML05 video and audio
11	8	08.06 Make multimedia responsive
11	8	08.07 Summary
		BUILDING AND USING HTML FORMS
12	8	08.08 Create a basic form
12	8	08.09 Use HTML05 input
12	8	08.10 Add in other form input fields
12	8	08.11 Validate forms
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		HTML REVIEW
13	Review	R.01 Differentiate among HTML versions
13	Review	R.02 Define hypertext links and apply different types of URLs
13	Review	R.03 Understand how block-level (paragraph-like_ elements differ from other HTML elements
13	Review	R.04 Use headings and basic paragraphs
13	Review	R.05 Understand the difference between div and span
13	Review	R.06 Create bulleted and numbered lists
13	Review	R.07 Understand how inline (font-like or text-level) elements differ from other HTML elements
13	Review	R.08 Summary
14	Review	R.09 Use tables to present tabular information or to align sections of text
14	Review	R.10 Use forms to send data to servers
14	Review	R.11 Collect user data with form input elements
14	Review	R.12 Apply a few miscellaneous elements
14	Review	R.13 Summary
		CSS BASICS
15 & 16	9	09.01 Load and apply styles
15 & 16	9	09.02 Match page elements with CSS selectors
15 & 16	9	09.03 Understand the idea of CSS properties
15 & 16	9	09.04 Assign colors and fonts with CSS properties

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		CSS: BOX MODEL AND POSITIONING
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17 & 18	10	10.02 Explore a few examples
17 & 18	10	10.03 Summary
19 & 20	11	There are no videos for this chapter
21 & 22	12	There are no videos for this chapter
		JAVASCRIPT – GETTING STARTED
23 & 24	4	04.01 Learn how JavaScript is used
23 & 24	4	04.02 Practice interactively with JavaScript (simplest version)
23 & 24	4	04.03 Practice interactively with JavaScript (more complex but more powerful version)
23 & 24	4	04.04 Define, modify, and access variables
23 & 24	4	04.05 Apply operators
23 & 24	4	04.06 Define and call functions
23 & 24	4	04.07 Summary
25 & 26	5	There are no videos for this chapter
27 & 28	13	There are no videos for this chapter
		JAVASCRIPT BASIC SYNTAX – PART 1
29 & 30	14	14.01 Execute code conditionally
29 & 30	14	14.02 Execute code
29 & 30	14	14.03 Format code so that it can be understood, edited, and maintained
29 & 30	14	14.04 Call functions from the Math class
29 & 30	14	14.05 Embed JavaScript in HTML
29 & 30	14	14.06 Choose among HTML versions
29 & 30	14	14.07 Summary
31 & 32	15	There are no videos for this chapter
		JAVASCRIPT BASIC SYNTAX – PART 2
33 & 34	16	16.01 Define and access arrays
33 & 34	16	16.02 Create, compare, and call methods on strings
33 & 34	16	16.03 Recognize patterns with regular expressions
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33 & 34	16	16.05 Summary

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35 & 36	17	17.01 Understand how the use of functions in JavaScript differs from other languages
35 & 36	17	17.02 Assign functions to variables, arrays, and other data structures
35 & 36	17	17.03 Pass functions to other functions
35 & 36	17	17.04 Return functions from functions
35 & 36	17	17.05 Create anonymous functions
35 & 36	17	17.06 Capture local variables (make closures)
35 & 36	17	17.07 Use the apply method
35 & 36	17	17.08 Summary
		JAVASCRIPT – OBJECTS
35 & 36	17	17.09 Define, instantiate, and access objects
35 & 36	17	17.10 Define methods with the prototype property
35 & 36	17	17.11 Use namespaces to avoid name conflicts
35 & 36	17	17.12 Create anonymous objects
35 & 36	17	17.13 Create and parse JSON
35 & 36	17	17.14 Apply a few other object “tricks”
35 & 36	17	17.15 Summary
37 & 38	18	There are no videos for this chapter
39 & 40	19	There are no videos for this chapter

*Textbook: *Sam’s HTML, CSS, and JavaScript All in One* by Meloni