

HTML

1. (5) What is the purpose of HTML?
2. (1) Which body governs the development of HTML?
3. (2) What are some characteristics of HTML?
4. (7) If the HTML text is entered one word per line, will the browser display the text that way?
5. (19) What is an HTML element?
6. (4) What is an HTML attribute?
7. (10) What is an HTML entity?
8. (11) What does the HTTP 404 error code signify?
9. (12) What is the purpose of the HTML meta element?
10. (13) What is the purpose of the HTML declaration DOCTYPE?
11. (14) What information is contained within the head section of the HTML document?
12. (6) What is the difference between a block and an inline element?
13. (15) What is the purpose of the HTML element div?
14. (16) What HTML defines a paragraph element for the text: The dog barked.
15. (17) What HTML defines an image file name mountain.jpg?
16. (28) What HTML defines an anchor hyperlink to page index.html in the current folder?
17. (22) What HTML defines an anchor hyperlink to page summary.html in the parent folder?
18. (18) What HTML defines an anchor hyperlink to page rap.html in subfolder named music?
19. (3) What HTML defines an ordered list for the items: apple, banana, cherry?
20. (20) What HTML defines an unordered list for the items: red, green, blue?
21. (23) What HTML defines a dictionary list for the items (term and definitions): "metaphor", "literary figure of speech that uses an image to represent an idea"; "simile", "figure of speech that compares two different things, usually by like or as"?
22. (27) What HTML defines a table having two rows and three columns?
23. (9) What HTML defines a table having three rows with the first and third rows having two equal width columns and the middle row having one column spanning the table width?
24. (24) What HTML tags are considered deprecated?
25. (8) What HTML tag defines an image map?
26. (26) What HTML defines a lengthy quote?
27. (21) What HTML entity is used for the character < ?
28. (25) When would you use an HTML validator?

XHTML

29. (127) What was the reason for creating XHTML?
30. (128) What is the difference between HTML and XHTML?
31. (129) What are some of the rules defining XHTML?

Graphics

32. (120) What is dot pitch?

33. (121) What is a bitmap image?
34. (119) What is a vector image?
35. (121) What are the differences between the JPEG image format and PNG image format?
36. (124) What is a thumbnail image?
37. (122) Which requires more data storage: a 175 by 100 pixel image having a 256-level gray scale, or a 100 by 100 pixel image having two bytes per pixel colour depth?
38. (125) What is dithering?
39. (118) What is anti-aliasing?
40. (126) What is meant by “lossy” data compression?

Browsers

41. (90) What is the purpose of a browser plug-in?
42. (96) What is the purpose of defining a MIME type?
43. (92) What is a layout or rendering engine?
44. (88) What is the name of the Microsoft Internet Explorer rendering engine?
45. (93) ...name of Google Chrome rendering engine?
46. (91) ...name of Apple Safari rendering engine?
47. (94) ...name of Mozilla Firefox rendering engine?
48. (89) Identify five features of a browser.
49. (95) Who developed the first browser?

Internet

50. (100) What is bandwidth?
51. (110) What is an ISP?
52. (115) What is TCP/IP?
53. (97) What is HTTP?
54. (98) What is a URL?
55. (111) What is a VPN?
56. (104) What is CIRA?
57. (99) What is a web server?
58. (117) What web server technology is currently the world’s most prevalent?
59. (105) What is an intranet?
60. (106) What is a proxy server?
61. (116) What is ICANN?
62. (103) What is a domain?
63. (101) Identify the following generic TLDs: for commercial entities, for US colleges and universities
64. (112) Identify the following geographic TLDs: .JP, .FR, .BR
65. (107) What is a subdomain?
66. (113) What is the purpose of DNS?
67. (114) What is an absolute URL?

- 68. (108) What are some benefits to employing relative URLs vs absolute URLs within HTML documents?
- 69. (109) Which of the following is a valid IP address: 0.\$01.8*, 204.174.60.19, 2a4Y-45901, 204-174-60-19?
- 70. (102) What is IPv6?

HTML forms

- 71. (73) What HTML defines a form which will cause the script processform.php to execute when submitted?
- 72. (76) What HTML defines a textbox form field with the default character length?
- 73. (84) What HTML defines a type of text field which will echo stars in place of the entered letters?
- 74. (79) What HTML defines a multiline comment field?
- 75. (77) What HTML defines a dropdown box with options red, blue, or green (only one option allowed)?
- 76. (80) What HTML defines a set of mutually exclusive buttons: full-time or part-time?
- 77. (85) What HTML defines a set of inclusive buttons: chocolate, strawberry, and/or caramel?
- 78. (87) What HTML defines the form's submit button?
- 79. (81) What HTML defines the form's reset button?
- 80. (74) What is the purpose of the HTML fieldset element?
- 81. (78) What is the purpose of the HTML legend element?
- 82. (82) What is the purpose of the HTML label element?
- 83. (86) What HTML5 attribute designates a mandatory form element?
- 84. (75) What HTML5 attribute defines that the textbox will accept 3 digits, one space followed by 3 lowercase alphabetic characters?
- 85. (83) How does a form define the default option in a select element?
- 86. (68) Which HTML5 form element type is used for a telephone number?
- 87. (69) Which HTML5 form element is used to show the completion rate of an activity?
- 88. (70) Which HTML5 form element is used to display a scalar measurement within a defined range?
- 89. (71) What is the disadvantage to using the HTML5 <date>, <datetime> and <week> elements?
- 90. (72) What is the purpose of the reset button in the form?

CSS

- 91. (29) What does the acronym CSS represent?
- 92. (50) What is the reason for defining separate stylesheets for the same HTML document?
- 93. (52) Which organization is responsible for defining CSS standards?
- 94. (54) What is the purpose of CSS?
- 95. (53) What are the three levels of defining CSS?
- 96. (31) What is the CSS rule of inheritance?
- 97. (46) What is the CSS rule of proximity?
- 98. (61) What is the CSS rule of specificity?

99. (40) What HTML defines an external CSS stylesheet named default.css?
100. (55) What inline CSS defines the paragraph element text to appear as bold?
101. (44) What CSS property defines the style of font used?
102. (43) What is a commonly used name for a serif class font?
103. (30) What is a commonly used name for a sans-serif class font?
104. (56) What is a commonly used name for a monospace class font?
105. (63) What CSS defines the HTML document body text colour as green?
106. (57) What CSS defines the degree of translucency of an element?
107. (58) What is a relative length unit? An absolute length unit?
108. (33) What is the CSS property for the region outside an element's border?
109. (38) What is the CSS property for the region just inside an element's border?
110. (49) How do you make an element appear to the left of the window display with text flowing around it?
111. (42) How do you define a vertical scrollbar within a block of text?
112. (62) What CSS causes an element to remain in its place on the screen regardless of scrolling?
113. (59) Do all browsers render all the CSS properties in the same way?
114. (60) What is a descendant selector?
115. (39) What is a type selector?
116. (32) Define the CSS for making the div (id = "main") background yellow.
117. (67) What is a class selector?
118. (47) What is an ID selector?
119. (64) What CSS defines a visible line surrounding an element?
120. (36) What is the CSS RGB colour property for red?
121. (65) What is the CSS RGB colour property for white?
122. (41) What is the CSS HLS colour property for red?
123. (45) What CSS pseudo-class property defines the appearance of an element as your mouse hovers over it?
124. (35) What CSS3 property defines rounded corners for the element's borders?
125. (66) What CSS3 property defines a colour blended background for the element?
126. (51) What is the purpose of the Firefox browser plug-in Firebug?
127. (34) Which one defines correct CSS property: font-color:red, text-color:red, or color:red.
128. (48) A web page has three separate div elements of text you want to show on the screen as three vertically stacked boxes with no other elements adjacent to them on the left or right. What CSS will do this?
129. (37) Your web pages on a web site share a set common CSS styles such as layout structure and text appearance. What should you do as a web developer?