

Chapter 3 Review Question Answers

1. a) HTML (HyperText Markup Language) is a set of special codes, called tags, that are used to “mark up” plain text so that a browser application, such as Internet Explorer, knows how to display the text in a browser window.
b) An HTML document is text that has been marked up with HTML.
2. html is the element in the tag <html>.
3. A slash (/) before the element indicates the end of an instruction.
4. An attribute modifies the features of the element.
5. HTML documents are plain text files.
6. a) The structure of an HTML document is:

```
<html>
<head>
<title>document title</title>
</head>
<body>
content
</body>
</html>
```

b) The four document tags are html, head, title, and body.
7. HTML tags are not case sensitive.
8. a) HTML documents are free-form, which means that spaces and blank lines generally have no effect on how the document is interpreted.
b) It is important to have properly structured HTML so the document is easy to edit.
9. Notepad is a text editor that comes with the Windows operating system and is well suited for creating and editing plain text files, such as HTML documents.
10. It is necessary to add the .htm extension to the file name when saving an HTML document in Notepad so that a browser recognizes the file as an HTML document.
11. A centered header containing the file name and a centered footer containing the page number are automatically added to a printed document from Notepad.
12. To open an HTML document in Notepad:
 1. Select File → Open.
 2. Change the Files of type to All Files.
 3. Select the file.
 4. Select Open.
13. If you attempt to quit Notepad without saving changes a message is displayed asking if you want to save the changes.
14. To open and view an HTML document in a Web browser:
 1. Start the Web browser.
 2. Select File → Open.
 3. Select Browse.
 4. Select the file name.
 5. Select Open.
 6. Select OK.
15. The Windows taskbar can be used to quickly switch between open applications.
16. The Refresh button is used in Internet Explorer to update the document in the browser window.
17. a) Paragraph tags, <p> and </p>, are used to enclose a paragraph of text.
b) Any multiple spaces in the text between the paragraph tags are changed to a single space.
18. The break tag,
, is used to move a line of text within a paragraph to the next line.
19. a) The alignment of text in a paragraph refers to its position relative to the sides of the document.
b) An HTML tag that would change a paragraph’s alignment to centered is <p align=“center”>.
20. a) Heading tags are used to emphasize text.
b) The <h3> tag is used to represent heading level three.
c) Heading 1, the <h1> tag, is used to represent the most important information.

21. a) The <hr> tag places a horizontal rule (line) across the width of the browser window.
b) The width, align, and size attributes can be used to modify the <hr> tag.
22. a) The bgcolor attribute is used in the <body> tag to modify the document's background color.
b) The text attribute is used in the <body> tag to modify the document's text color.
23. a) Comments are used to explain and clarify HTML to the reader of an HTML document.
b) <!-- draws a right-aligned horizontal line across 25% of the screen -->
24. a) A hyperlink is text displayed in a browser window that can be clicked to display a different HTML document in the browser window.
b) cats
25. a) To display the HTML associated with a current document in Internet Explorer, select View → Source.
b) One reason why you would examine the HTML of a Web page is learn more about HTML.
26. HTML is the designer's intellectual property and is protected by copyright.