

KASIT App

1. What does HTML stand for?

- Home Tool Markup Language
- Hyperlinks and Text Markup Language
- Hyper Text Markup Language**

3. Choose the correct HTML tag for the largest heading

- <head>
- <h6>
- <heading>
- <h1>**

4. What is the correct HTML tag for inserting a line break?

-
**
- <break />
- <lb />

5. What is the preferred way for adding a background color in HTML?

- <body style="background-color:yellow">**
- <background>yellow</background>
- <body background="yellow">

6. Choose the correct HTML tag to make a text bold

- **
- <bold>

7. Choose the correct HTML tag to make a text italic

- <i>
- <italic>

8. What is the correct HTML for creating a hyperlink?

- Yahoo.com
- Yahoo
- <a>http://www. Yahoo.com
- Yahoo.com

9. How can you create an e-mail link?

-
- <mail href="xxx@yyy">
-
- <mail>xxx@yyy</mail>

10. How can you open a link in a new browser window?

-
-
-

11. Which of these tags are all <table> tags?

- <thead><body><tr>
- <table><head><tfoot>
- <table><tr><td>
- <table><tr><tt>

12. Choose the correct HTML to left-align the content inside a tablecell

- <td leftalign>
- <td align="left">
- <tdleft>

<td valign="left">

13. How can you make a list that lists the items with numbers?

<dl>

<list>

14. How can you make a list that lists the items with bullets?

<dl>

<list>

15. What is the correct HTML for making a checkbox?

<input type="check" />

<check>

<checkbox>

<input type="checkbox" />

16. What is the correct HTML for making a text input field?

<input type="text" />

<textinput type="text" />

<input type="textfield" />

<textfield>

17. What is the correct HTML for making a drop-down list?

<input type="list" />

<select>

<input type="dropdown" />

<list>

18. What is the correct HTML for making a text area?

<input type="textarea" />

<textarea>

`<input type="textbox" />`

19. What is the correct HTML for inserting an image?

- `image.gif`
- ``
- `<image src="image.gif" alt="MyImage" />`
- ``

20. What is the correct HTML for inserting a background image?

- `<body background="background.gif">`
- `<background img="background.gif">`
- ``

SELF-REVIEW EXERCISES

- 4.1 State whether each of the following is *true* or *false*. If *false*, explain why.
- An ordered list cannot be nested inside an unordered list.
Ans: False. An ordered list can be nested inside an unordered list and vice versa.
 - XHTML is an acronym for XML HTML.
Ans: False. XHTML is an acronym for Extensible HyperText Markup Language.
 - Element `br` represents a line break.
Ans: True.
 - Hyperlinks are denoted by `link` elements.
Ans: False. Hyperlinks are denoted by `a` elements.
- 4.2 Fill in the blanks in each of the following:
- The `hr` element inserts a horizontal rule.
Ans: `hr`
 - A superscript is represented by element `sup` and a subscript is represented by element `sub`.
Ans: `sup`, `sub`
 - The least important header element is `h6` and the most important header element is `h1`.
Ans: `h6`, `h1`
 - Element `ul` marks up an unordered list.
Ans: `ul`
 - Element `p` marks up a paragraph.
Ans: `p`

EXERCISES

- 4.3 Use XHTML to create a document that contains the following text:

Internet and World Wide Web How to Program: Third Edition
 Welcome to the world of Internet programming. We have provided topical coverage for many Internet-related topics.

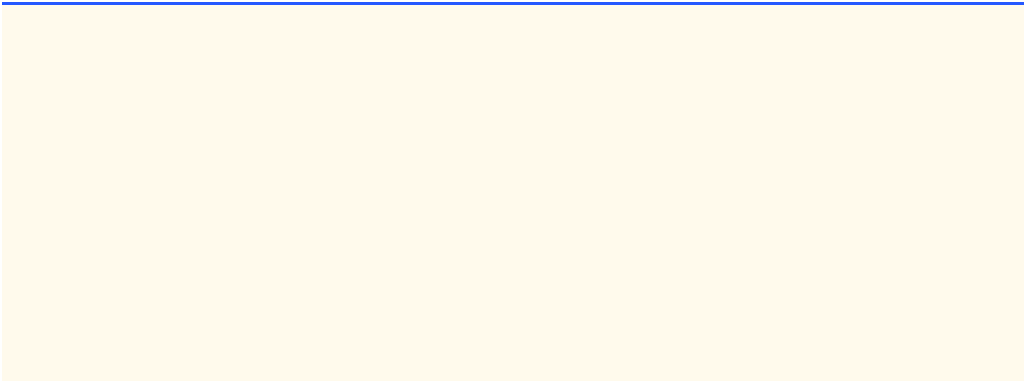
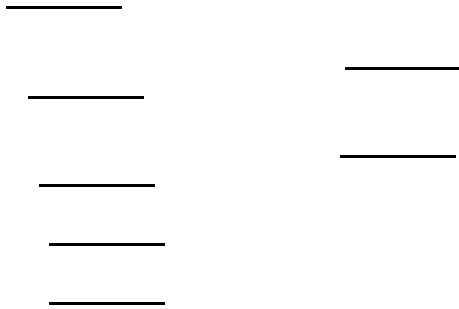
Use `h1` for the title (the first line of text), `p` for text (the second and third lines of text) and `sub` for each word that begins with a capital letter. Insert a horizontal rule between the `h1` element and the `p` element. Open your new document in a Web browser to view the marked up document.

Ans:

```

1 <?xml version = "1.0"?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3   "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
4
5 <!-- Exercise 4.3 Solution -->
6
7 <html xmlns = "http://www.w3.org/1999/xhtml">
8   <head>
9     <title>Solution 4.3</title>
```

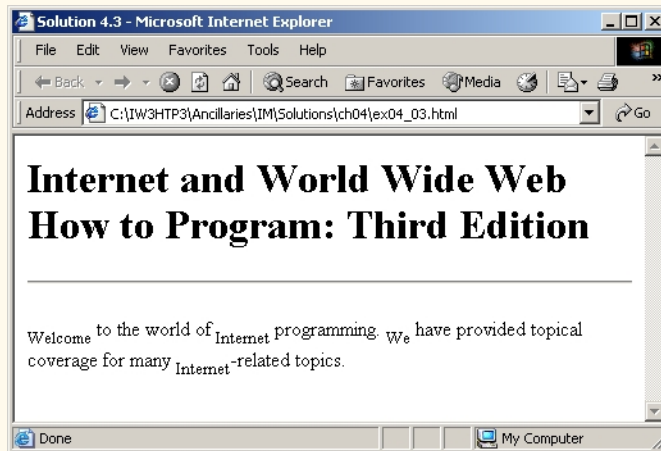
10 </head>
11 <body>
12 <h1>Internet and World Wide Web How to Program: Third
13 Edition</h1>



```

14     <hr />
15     <p><sub>Welcome</sub> to the world of <sub>Internet</sub>
16         programming. <sub>We</sub> have provided topical
17         coverage for many <sub>Internet</sub>-related topics.
18     </p>
19 </body>
20 </html>

```



4.4 Why is the following markup invalid?

```

<p>Here's      some      text...
<hr />
<p>And some more text...</p>

```

Ans: According to the XHTML specification, each `<p>` tag must have a closing `</p>` tag.

4.5 Why is the following markup invalid?

```

<p>Here's      some      text...<br>
And some more text...</p>

```

Ans: According to the XHTML specification, each `
` tag must have a closing `</br>` tag or be written as the empty element `
`.

4.6 An image named `deitel.gif` that is 200 pixels wide and 150 pixels high. Write a separate XHTML statement using the `width` and `height` attributes of the `img` element to perform each of the following transformations:

a) Increase image size by 100%.

Ans: ``

b) Increase image size by 50%;.

Ans: ``

c) Change the width-to-height ratio to 2:1, keeping the width attained in part (a).

Ans: ``

4.7 Create a hyperlink to each of the following:

a) The file `index.html`, located in the `files` directory.

Ans: `Hyperlink 1`

b) The file `index.html`, located in the `text` subdirectory of the `files` directory;. **Ans:** `Hyperlink 2`

c) The file `index.html`, located in the other directory in your parent directory.
[Hint: `..` signifies parent directory.]

Ans: `Hyperlink 3`

d) The President's e-mail address (`president@whitehouse.gov`).

Ans: `Email`

e) The file named `README` in the `pub` directory of `ftp.cdrom.com`. [Hint: Use `ftp://`.] **Ans:** `FTP`

4.8 Create an XHTML document that marks up your resume.

Ans:

```

1  <?xml version = "1.0"?>
2  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3     "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
4
5  <!-- Exercise 4.8 Solution -->
6
7  <html xmlns = "http://www.w3.org/1999/xhtml">
8     <head>
9         <title>Solution 4.8</title>
10    </head>
11
12    <body>
13
14        <!-- heading of Resume -->
15        <h1>John Doe<br /></h1>
16
17        <h5>Boston College, PO Box 198, Chestnut Hill, MA 02167
18            <br />
19            Telephone: (617) 555-0000, E-mail<br />
20            <a href= "mailto:deitel@bc.edu">deitel@bc.edu</a>
21            <br />
22        </h5>
23
24        <hr /> <!-- inserts a horizontal rule -->
25
26        <h2>Objective</h2>
27
28        <!-- start of unordered lists -->
29        <ul>
30            <li>A position as an XHTML programmer</li>
31        </ul>
32
33        <h2>Education</h2>
34
35        <ul>
36            <li>Boston College, Chestnut Hill, MA<br />
37                Computer Science Major, YOG 2003<br />
38                Dean's List Fall 2001, Spring 2001</li>
39        </ul>
40
41        <h2>Skills</h2>

```

```
42
43     <ul>
44         <li>Computers</li>
45         <li>Programming</li>
46         <li>Typing, 55WPM
47
48             <ul>      <!-- start of nested list -->
49                 <li>XHTML</li>
50                 <li>C++</li>
51                 <li>Cascading Style Sheets</li>
52             </ul>      <!-- end of nested list -->
53
54         </li>
55         <li>Teamwork</li>
56     </ul>
57
58 <h2>Experience</h2>
59
60 <ul>
61     <li>Deitel & Associates,
62         Sudbury, MA, Summer 2000</li>
63
64     <li>Microsoft, Seattle, WA, Summer
65         1999</li>
66
67     <li>Computer Plus, Waltham, MA,
68         Spring 1999</li>
69 </ul>
70
71 <h2>Interests and Activities</h2>
72
73 <ul>
74     <li>Soccer</li>
75     <li>Guitar</li>
76     <li>Music</li>
77     <li>Student Government</li>
78 </ul>
79
80 <!-- end of unordered lists -->
81
82 <hr />
83
84 </body>
85 </html>
```

SELF-REVIEW EXERCISES

- 5.1 State whether the following statements are *true* or *false*. If *false*, explain why.
- a) The width of all data cells in a table must be the same.
Ans: False. You can specify the width of any column, either in pixels or as a percentage of the table width.
- b) Framesets can be nested.
Ans: True.
- c) You are limited to a maximum of 100 internal links per page.
Ans: False. You can have an unlimited number of internal links.
- d) All browsers can render framesets.
Ans: False. Some browsers are unable to render a frameset and must therefore rely on the information that you include inside the `<noframes>...</noframes>` tags.
- 5.2 Fill in the blanks in each of the following statements:
- a) The _____ attribute in an `input` element inserts a button that, when clicked, clears the contents of the form.
Ans: `type = "reset"`.
- b) The spacing of a frameset is set by including the _____ attribute or the _____ attribute inside the `<frameset>` tag. **Ans:** `cols`, `rows`.
- c) The _____ element marks up a table row.
Ans: `tr`.
- d) _____ are used as masking characters in a password box.
Ans: Asterisks.
- e) The common shapes used in image maps are _____, _____ and _____
Ans: `poly` (polygons), `circles`, `rect` (rectangles).
- 5.3 Write XHTML markup to accomplish each of the following:
- a) Insert a framed Web page, with the first frame extending 300 pixels across the page from the left side.
Ans: `<frameset cols = "300,*">...</frameset>`
- b) Insert a table with a border of 8.
Ans: `<table border = "8">...</table>`
- c) Indicate alternative content to a frameset. **Ans:** `<noframes>...</noframes>`
- d) Insert an image map in a page using `deitel.gif` as an image and map with name _____ = "hello" as the image map, and set the `alt` text to "hello".
Ans: ``

EXERCISES

- 5.4 Categorize each of the following as an element or an attribute:
- a) `width`
Ans: Attribute.
- b) `td`
Ans: Element.
- c) `th`
Ans: Element.
- d) `frame`
Ans: Element.

e) name

Ans: Attribute.

f) select

Ans: Element.

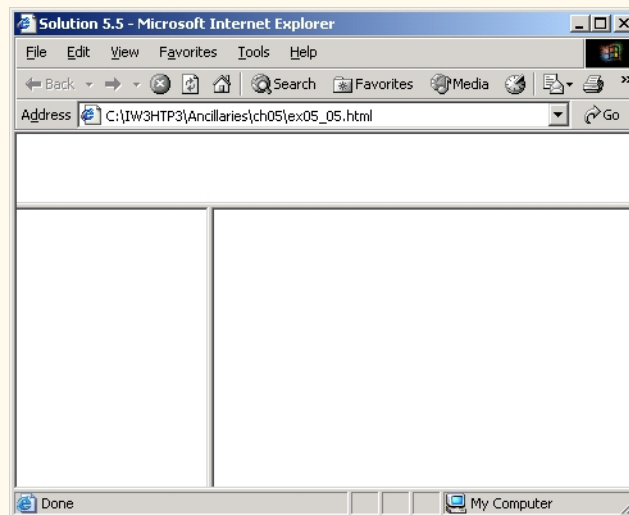
g) type

Ans: Attribute.

5.5 What will the frameset produced by the following code look like? Assume that the pages referenced are blank with white backgrounds and that the dimensions of the screen are 800 by 600. Sketch the layout, approximating the dimensions.

```
<frameset rows = "20%,*">
  <frame src = "hello.html" name = "hello" /> <frameset cols =
    "150,*">
    <frame src = "nav.html" name = "nav" />
    <frame src = "deitel.html" name = "deitel" /> </frameset>
</frameset>
```

Ans:



5.6 Write the XHTML markup to create a frame with a table of contents on the left side of the window, and have each entry in the table of contents use internal linking to scroll down the document frame to the appropriate subsection

Ans:

```
1 <?xml version = "1.0"?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Frameset//EN"
3   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-frameset.dtd">
4
5 <!-- Exercise 5.6 Solution -->
```

```

6
7 <html xmlns = "http://www.w3.org/1999/xhtml">
8   <head>
9     <title>Solution 5.6</title>
10  </head>
11
12  <frameset cols = "175, *">
13    <frame name = "sidebar" src = "sidebar.html" />
14    <frame name = "main" src = "main.html" />
15  </frameset>
16 </html>

```

```

1 <?xml version = "1.0"?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
3   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
4
5 <!-- Exercise 5.6 Solution: sidebar.html -->
6
7 <html xmlns = "http://www.w3.org/1999/xhtml">
8   <head>
9     <title>Solution 5.6</title>
10  </head>
11
12  <body>
13
14    <ul>
15      <li><a href = "main.html#camel" target = "main">
16        Camel Picture</a></li>
17      <li><a href = "main.html#tictactoe" target = "main">
18        Tic Tac Toe</a></li>
19      <li><a href = "main.html#table" target = "main">
20        Table Example</a></li>
21    </ul>
22
23  </body>
24 </html>

```

```

1 <?xml version = "1.0"?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3   "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
4
5 <!-- Exercise 5.6 Solution: main.html -->
6
7 <html xmlns = "http://www.w3.org/1999/xhtml">
8   <head>
9     <title>Solution 5.6</title>
10  </head>
11
12  <body>
13    <p>
14      <strong>

```

