

HTML

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Simple HTML Document

```
<html>
```

```
<head>
```

```
<title> Web Design</title>
```

```
</head>
```

```
<body>
```

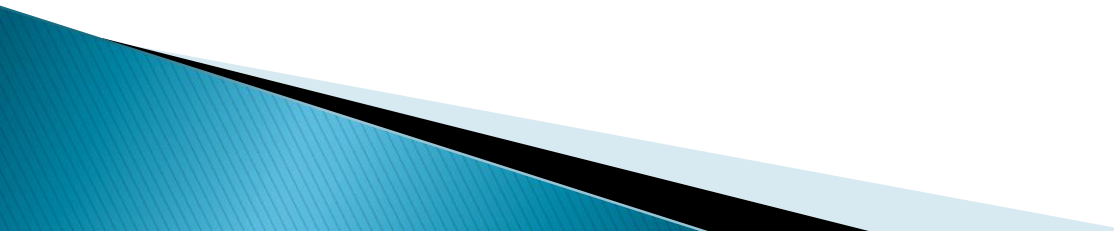
```
<h1>The main body of the page</h1>
```

```
</body>
```

```
</html>
```



HTML Tags

- ▶ Heading Tags
 - ▶ Hyperlinks
 - ▶ Images
 - ▶ Lists and Hyperlinks
 - ▶ Nested Lists
 - ▶ Special characters
- 

Heading Tags

- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>Heading</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<h1>Level 1 Header</h1>`
- ▶ `<h2>Level 2 header</h2>`
- ▶ `<h3>Level 3 header</h3>`
- ▶ `<h4>Level 4 header</h4>`
- ▶ `<h5>Level 5 header</h5>`
- ▶ `<h6>Level 6 header</h6>`
- ▶ `</body>`
- ▶ `</html>`

Level 1 Header

Level 2 header

Level 3 header

Level 4 header

Level 5 header

Level 6 header

Hyperlinks

- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>Hyperlinks</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<h1>Here are my favorite sites</h1>`
- ▶ `<p>Click on a name to go to that page.</p>`
- ▶ `<p>First Example</p>`
- ▶ `<p>Second Example</p>`
- ▶ `<p>Google</p>`
- ▶ `</body>`
- ▶ `</html>`

Here are my favorite sites

Click on a name to go to that page.

[First Example](#)


[Second Example](#)

[Google](#)

Images

- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>Images</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<p><img src = "Desert.jpg" height = "50%" width = "40%"`
- ▶ `alt = "My Preferred White Rose" />`
- ▶ `<img src = "jhttp.jpg" height = "50%" width = "40%"`
- ▶ `alt = "Java How to Program book cover" /></p>`
- ▶ `</body>`
- ▶ `</html>`



 Java How to Program book
cover

Lists and Hyperlinks

- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>Lists and Hyperlinks</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<h1>Here are my favorite sites</h1>`
- ▶ `<p>Click on a name to go to that page.</p>`
- ▶ ``
- ▶ `First Example`
- ▶ `Second Example`
- ▶ `Yahoo!`
- ▶ `Imag Example`
- ▶ ``
- ▶ `</body>`
- ▶ `</html>`

Here are my favorite sites

Click on a name to go to that page.

- [First Example](#)
- [Second Example](#)
- [Yahoo!](#)
- [Imag Example](#)

Nested Lists

```
▶ <html>
▶ <head>
▶ <title>Nested Lists</title>
▶ </head>
▶ <body>
▶ <h1>The Best Features of the Internet</h1>
▶ <ul>
▶ <li>You can meet new people from countries
around the world.</li>
▶ <li>You have access to new media as it becomes
public:
▶ <ul>
▶ <li>New games</li>
▶ <li>New applications
▶ <ol type = "1">
▶ <li>For business</li>
▶ <li>For pleasure</li>
▶ </ol>
▶ </li>
▶ <li>Around the clock news</li>
▶ <li>Search engines</li>
▶ <li>Shopping</li>
▶ <li>Programming
```

```
▶ <ol type = "a">
▶ <li>XML</li>
▶ <li>Java</li>
▶ <li>XHTML</li>
▶ <li>Scripts</li>
▶ <li>New languages</li>
▶ </ol>
▶ </li>
▶ </ul>
▶ </li>
▶ <li>Links</li>
▶ <li>Keeping in touch with old friends</li>
▶ <li>It is the technology of the future!</li>
▶ </ul>
▶ <h1>My 3 Favorite <em>CEOs</em></h1>
▶ <ol>
▶ <li>Harvey Deitel</li>
▶ <li>Bill Gates</li>
▶ <li>Michael Dell</li>
▶ </ol>
▶ </body>
▶ </html>
```

Special characters

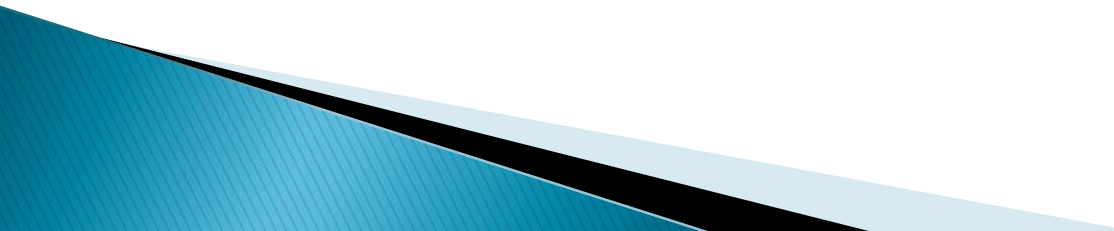
- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>Special characters</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<!-- Special characters are entered -->`
- ▶ `<!-- using the form &code; -->`
- ▶ `<p>My email address is deitel@deitel.com. Click on the address and your browser will automatically open an email message and address it to my address.</p>`
- ▶ `<hr /> <!-- Inserts a horizontal rule -->`
- ▶ `<p>All information on this site is ©Deitel & Associates, Inc. 2002.</p>`
- ▶ `<p>`
- ▶ `You may download 3.14 x 10²characters worth of information from this site.`
- ▶ `Only _{one} download per hour is permitted.</p>`
- ▶ `<p>Note: < ¼ of the information presented here is updated daily.</p>`
- ▶ `</body>`
- ▶ `</html>`

My email address is deitel@deitel.com. Click on the address and your browser will automatically open an email message and address it to my address.

All information on this site is ©Deitel & Associates, Inc. 2002.

~~You may download 3.14×10^2 characters worth of information from this site.~~ Only one download per hour is permitted.

Note: $< \frac{1}{4}$ of the information presented here is updated daily.



Table

- ▶ `<html>`
- ▶ `<head>`
- ▶ `<title>HTML Table</title>`
- ▶ `</head>`
- ▶ `<body>`
- ▶ `<table border = "1" width = "30%" align="center">`
- ▶ `<caption>Price of Fruit</caption>`
- ▶ `<tr>`
- ▶ `<td>Fruit</td>`
- ▶ `<td>Price</td>`
- ▶ `</tr>`
- ▶ `<tr>`
- ▶ `<td>Apple</td>`
- ▶ `<td>$0.25</td>`
- ▶ `</tr>`

- ▶ `<tr>`
- ▶ `<td>Orange</td>`
- ▶ `<td>$0.50</td>`
- ▶ `</tr>`
- ▶ `<tr>`
- ▶ `<td>Banana</td>`
- ▶ `<td>$1.00</td>`
- ▶ `</tr>`
- ▶ `<tr>`
- ▶ `<td>Pineapple</td>`
- ▶ `<td>$2.00</td>`
- ▶ `</tr>`
- ▶ `</table>`
- ▶ `</body>`
- ▶ `</html>`

Price of Fruit

Fruit	Price
Apple	\$0.25
Orange	\$0.50
Banana	\$1.00
Pineapple	\$2.00

- ▶ `<td rowspan = "2">`
- ▶ `<td colspan = "4">`
- ▶ `valign = "bottom " / " top "`

Frames

- ▶ `<frameset cols = " 30%,*">`
- ▶ `<frame name = "p1" src = "page1.html" />`
- ▶ `<frameset rows = "25%, 40%, *">`
- ▶ `<frame name = "p2" src = "page2.html" />`
- ▶ `<frame name = "p3" src = "page3.html" />`
- ▶ `<frame name = "p4" src = "page4.html" />`
- ▶ `</frameset>`
- ▶ `</frameset>`

Forms

- ▶ `<form method = "post" action = "a.php">`
- ▶ `<input type = "text" name = "name" />
`
- ▶ `<input type = "submit" value = "Submit Your Entries" />`
- ▶ `<input type = "reset" value = "Clear Your Entries" />`
- ▶ `</form>`

- ▶ `<input type = "hidden" name = "recipient" value = "deitel@deitel.com" />`
- ▶ `<input type = "checkbox" name = "c1" value = "Design" />`
- ▶ `<input type = "radio" name = "r1" value = "ok " checked = "checked" />`

- ▶ `<select name = "rating">`
- ▶ `<option selected = "selected">Amazing</option>`
- ▶ `<option>10</option>`
- ▶ `<option>9</option>`
- ▶ `<option>8</option>`
- ▶ `<option>7</option>`
- ▶ `<option>6</option>`
- ▶ `<option>5</option>`
- ▶ `<option>4</option>`
- ▶ `<option>3</option>`
- ▶ `<option>2</option>`
- ▶ `<option>1</option>`
- ▶ `<option>Awful</option>`
- ▶ `</select>`