

WEB PROGRAMMING

SCV1223

HTML

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Guide to HTML code

- Not case sensitive
- Use tag for formatting output: new line, paragraph, text size, color, font type, etc.
- Can be a single or coupled tag
- Tag general format:
 - Single: `<tag_format>`
 - Double: `<tag_format> . . . </ tag_format>`

Very simple HTML code

```
<html>  
<head>  
<title>Simple HTML</title>  
</head>  
<body>  
Hello World  
</body>  
</html>
```

More complex code

```
<html>
<head>
<title>More about HTML Text</title>
</head>
<body>
This is a normal text<br><b>This is a text (bold)</b>
<br>
<i>This is a text (italic)</i>
<p>
<font face="Arial" color="#FF0000" size=+3>
This is a text with font = Arial, size = 3, color = Green
</font>
<p>
Please set me to bold, italic, font = Arial, size = 3, color
    = Red
<p>
<pre>
This is a preformatted text
</pre>
</body>
</html>
```

Sample output from previous script



Image

```

```

Link

```
<a href="reference object" . . . > linked object </a>
```

reference object :

- Part of text in the same document
- Other document
- Image / animation / audio / video
- Application logic (CGI script)
- Client script (JavaScript / VBScript)

linked object :

- Text
- Image

Table

Begin table

Begin row

Column1, Column2, . . .

End row

. . .

End table

Table

Begin table = `<table . . . >`

End table = `</table>`

Begin row = `<tr . . . >`

End row = `</tr>`

Column = `<td . . . > column content </td>`

column content : text, image, linked object, etc.

Table

Table with 2 rows & 3 columns for each row:

```
<table border cols=3 rows=2 width="100%">
  <tr> <td>1</td>
      <td>2</td>
      <td>3</td>
  </tr>
<tr>  <td>4</td> <td>5</td> <td>6</td> </tr>
</table>
```

More complex table #1

There are two rows:

STEP 1

```
<table>
<tr> . . .</tr>
<tr> . . .</tr>
</table>
```

More complex table #1

First row -> two columns

Second row -> one column

STEP 2

```
<table>
<tr> <td>. . .</td> <td> . . . </td> </tr>
<tr> <td> . . . </td></tr>
</table>
```

More complex table #1

Span two columns for the single column in the second row:

STEP 3 - end

```
<table>
<tr> <td>. . .</td> <td> . . . </td> </tr>
<tr> <td colspan="2"> . . . </td></tr>
</table>
```

More complex table #2

There are two rows (max):

STEP 1

```
<table>  
<tr> . . .</tr>  
<tr> . . .</tr>  
</table>
```

More complex table #2

Column:  is the first column in the first row

Column:  is the second column in the first row

Column:  is the second column in the second row

STEP 2

```
<table>
<tr> <td>. . .</td> <td>. . .</td> </tr>
<tr> <td>. . .</td> </tr>
</table>
```

More complex table #2

Span two rows for column:



STEP 3 - end

```
<table>
<tr> <td rowspan="2">. . .</td> <td>. . .</td> </tr>
<tr> <td>. . .</td> </tr>
</table>
```


More complex table #3

It's your turn. Try This ???

Form

Begin form

Form object components

End form

Form

- Begin form = `<form . . . >`
- Form object components =
 - Textfiled, Password, Hidden
 - File
 - Checkbox, Radio Button
 - TextArea,
 - List Box, Combo Box,
 - Submit Button, Reset Button, Buttons
- End form = `</form>`

Form

```
<form method="?" action="?" ...>
```

Form object components

```
</form>
```

Form object components

Textfield

```
<input type="text" name="txt"
value="Text Field">
```

Password

```
<input type="password" name="pswd" size="15">
```

Hidden

```
<input type="hidden" name="any_name">
```

Form object components

TextArea

```
<textarea name="comment" rows="5" cols="23">  
  default textarea value  
</textarea>
```



default textarea value

Form object components

List Box (single)

```
<select name="card">  
  <option value="M" selected>Master Card  
  <option value="V">Visa  
  <option value="A">American Express  
</select>
```

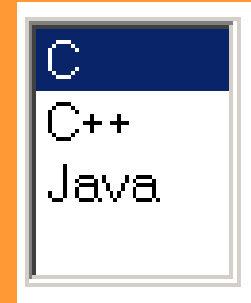


MasterCard
MasterCard
VISA
American Express

Form object components

List Box (multiple selection)

```
<select name="language" multiple>  
  <option value="C">C  
  <option value="CPP">C++  
  <option value="Java">Java  
</select>
```



Form object components

MasterCard VISA American Express

Radio Button

```
<input type="radio" name="card" value="M" checked> Master Card  
<input type="radio" name="card" value="V"> Visa  
<input type="radio" name="card" value="A"> American Express
```

Check Box

Chicken Frog Snail

```
<input type="checkbox" name="C" value="C" checked>Chicken  
<input type="checkbox" name="F" value="F" checked>Frog  
<input type="checkbox" name="S" value="S" checked>Snail
```