

Setup

1. Open Codetech from the Firefox menu: **Tools > Codetech**. *Everything after this point refers to Codetech and its menus, not Firefox.*
2. Codetech remembers past files you've opened. If you see any tabs in the main area, then right-click (control-click on Mac) on one, and Close All. If you don't want it to remember the next time, uncheck **Edit > Preferences > General > Reopen tabs on start up**.
3. Enlarge the main editing area in Codetech: uncheck **View > Sidebar**, and **View > Results**.
4. Create an "empty" file to start us out. **File > New > Templates > XHTML 1.0**. If this doesn't work for you, then do this: **File > New > New Document > Web Documents > HTML**. You can also edit a template, and then save it with a new name for your projects.
5. Edit the `<title>` tag to something more descriptive.
6. Prepare to add a little style to our document: add `<style type="text/css">` and `</style>` to the `<head>` section of the file. We'll fill this in later.

Some Tips

- Remember to switch back and forth between **Code View** and **Design View** often!
- An **excellent habit** to develop: whenever you open up a new HTML tag, type in the closing tag before you start adding the contents of the tag. This will really save you a lot of headaches! *A Web development system like Dreamweaver will either close tags for you or warn you of problems.*

Adding the HTML

0. Let's set some **global properties** for our page. If we apply these CSS styles to the `<body>`, then that will apply to *everything* inside the `<body>`. In the `<style>` section in the `<head>`, add these:
 - **body {background-color: #eeeeff; }**
 - **body { font-size:large; }** or **x-small, small, medium, large, x-large, xx-large**
1. First, let's add a **DIV == BOX**, and put some **paragraphs** inside the box.
 - Add the `<div>` and `</div>`.
 - Put 2 paragraphs of dummy text inside it using `<p>` and `</p>`. Type in several sentences for each paragraph. Notice that the browser will fill up the available space before wrapping to the next line. Extra spaces are ignored (except ` `).
 - **Blank lines** do not matter in HTML -- use them liberally to set things off visually when developing a page. If you want to force a line break in the page, you must use other means (`<p>` or `
`).
 - Make the DIV more visible by adding a background color and a border, using `style=""` to apply the CSS:
 - **background-color:#eecff;**
 - **border: 3px dotted #99ff99;**
 - Notice that the div is as wide as the window by default. Give it a width by adding this to the CSS: `style="width:50%;"` or `250px` or `20em`
2. Let's add **unordered and ordered lists**:
 - Create an unordered list using `` and ``.
 - Add at least three list items using `` and ``. These must go inside the `` tag.
 - Add an indented list under one of your list items. Just before the `` of a list item, insert this code to create a sublist: `Item 1Item 2`
 - To turn off the bullets, add this to `` tag: `style="list-style: none;"`
 - *Copy the code for the unordered list, and paste it in afterwards.*
 - Change the `` and `` to `` and ``. This is now an ordered list.
 - Change the list markers: `style="list-style-type: upper-roman;"`

Change the list markers: **style="list-style-type: upper-roman;"**

3. Add some **Headers**.

- Add examples (in order) of <h1>, <h2>, <h3>, <h4>, <h5>, and <h6>. Look at the sizes.
- Change the sizes in the <style> section at the top:
 - h1 { font-size:218%; }
 - h2 { font-size:164%; }
 - h3 { font-size:145%; }
 - h4 { font-size:118%; }
 - h5 { font-size:100%; }
 - h6 { font-size:75%; }

4. Let's add an **image** using the self-closing tag.

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- Add **alt** and **title** attributes: alt="A Sun!" title="A Sun!". You should add these two attributes to every image on your pages, even if it's just alt="".

5. Let's add a **clickable link**: using the <a> ("anchor") tag:

- Clickable Text
- Let's use the **previous image as the clickable link anchor (use cut-and-paste!)**:

6. Let's add a **table** using the <table> tags:

- Create the **basic table** using <table> and </table>, then add several rows: <tr> and </tr>. Inside each row, add 2 columns using <td>. **Make sure to put text inside the columns!** Nothing shows up until you add the <td> tags with something inside them.
- Put a border around the table: **style="border: 3px solid red;"**
- Add the caption using <caption> and </caption>.
- Give the table a width: **width="250"** (pixels) or **width="50%"**.
- Give the table a background-color using **style="background-color:#ccffdd;"**.
- Add spacing and padding: **cellpadding="4"** and **cellspacing="4"**.
- Replace the text in the <td> tags with the **image** from above using cut-and-paste.
- Add **another row** to the table. **Make sure it has the same number of columns as the previous row, lest the browser get confused.**
- Put a border around the cells in <style> in <head> section: **td { border: 2px solid green; }**

7. Finishing up with other tags:

- some text, and try these values:
 - **font-weight:bold;**
 - **color:red;**
 - **background-color:#ffddaa;**
 - **border-top:3px solid red;**
- and
- <big> and <small>: make the surrounded text slightly larger or smaller than the surrounding text. You can tweak the sizes using CSS in <style> section. **font-size:125%;**