html-cheat-sheet.html Beginner's HTML CHEAT SHEET Document Summary 11 <html> ... </html> <title> ... </title> The title tag is the title for that page, useful for both search The tag shows up at the beginning and end of an HTML document (known as the root element). It indicates that engines (when they scan and index pages) and users (showing up up in a browser's title bar) by explicitly stating the webpage is written in HTML5, and all other page markup comes in between these beginning and ending the primary topic of each page. tags. <head> ... </head> <body> ... </body> The contains information that specific page, including the Body tags include all content that will be shown to users, title tags, meta data, and links to scripts and style sheets. including everything they'll see & read. Example <html> <head> <title>My Beautiful Website</title> </head> <body> </body> </html> Document Information 36 <base/> <style> ... </style> The Base URL (for example: www.YourSite.com) is useful This element includes document style information, typicalfor specifying all relative links in a document (especially if ly defaulting to CSS. you have many internal links). <script> ... </script> <meta/> This element includes all scripting information, or links to Meta data spells out additional information about the external scripts. You can also include this element in the page, including the page's description, author, published body to dynamically generate content. date, keywords and other typically 'hidden' page informank/> Can be used to a create relationships with external pages or documents, including style sheets. Example <html> <head> <meta charset="utf-8"> **<**base href="http://mybeautifulwebsite.com" target="_blank" /> <title>My Beautiful Website</title> <link rel="stylesheet" href="/css/master.css"> <script type="text/javascript"> var MyVar = 0; </script> </head> <body> </body> </html> **Document Structure** <h1..h6> ... </h1..h6> ... All six levels of Headings, with 1 being the most important This foundational tag is used to organize paragraphs of on a page and 6 being the least. These elements are used text. to describe content sections on a page.
 <div> ... </div> Creates a line break (or old-school carriage-return), useful A generic container used to denote a page section or for writing blocks of text that need to be on different lines (think addresses, etc.) ... An inline section or block container, typically used for <hr/> grouping styling elements. Creates a horizontal rule, a sectional break in an HTML page. Typically used to denote a change in topic or section of a page. Example <div> Ways to make your cat happy <h1>Ways to make your cat happy</h1> You have a mini-lion at You have a mini-lion at home and you want to make it as home and you want to make it as happy as poshappy as possible. sible. <hr/> Feed your cat well. <h2>Feed your cat well.</h2> The right diet is extremely important for the wellbeing of The right diet is extremely your cat. important for the wellbeing of your cat.
 Obesity is a common source of problems among Obesity is a common source of problems among domesticated animals. domesticated animals. </div> Text (+ formatting) <g> ... </g> ... These are used for shorter quotations. Exactly like it sounds, indicating STRONG emphasis, displayed bold in most browsers. <abbr> ... </abbr> Abbreviation These help denote abbreviations, while also ... making the full form available. Another way to create bold text, however it's more for drawing attention as opposed to emphasizing extra em-<acronym> ... </acronym> phasis like the previous tag. Acronym text Similar to the previous abbreviation tag, but this time with acronyms. Not support in HTML5. ... The emphasis tags also are like they sound, emphasizing <address> ... </address> text or phrases displayed as italics in most browsers. A helpfully obvious tag that displays the author's contact information. <i>> ... </i> Another way to add italics to text, however without the <dfn> ... </dfn> added emphasis (similar to the bold tags above) and in-Definition Used to create an inline definition in the body stead used to denote things like thoughts or names. text. <tt> ... </tt> <code> ... </code> An older tag used to display fixed-width, typewriter-esque Code text Displays code snippets (like the one over to the text. No longer supported in HTML5. left), typically showing up monospaced. ... <strike> ... </strike> Font tag Old-school way to colour fonts. No longer part of This tag creates strike through text (or text with a line HTML5. through it). Another older tag not commonly supported. _{...} <cite> ... </cite> Subscript text A helpful way to subscript text (shrinking it Tags used to cite or reference information, useful for and placing it a half line lower than the previous text). quotes and statements in a document. ^{...} ... Superscript text Similar to the previous subscript, however Pre-formatted, 'monospace' text laid out with whitespace this time placing it a half line higher than the previous text. inside the element intact. <small> ... </small> ... Small size text Historically used to simply reduce text size, Helps denote a previously deleted section of text. in HTML5 it also refers to information that may no longer be valid, accurate or relevant. <ins> ... </ins> Represents a section of text that's been inserted into the <bdo> ... </bdo> document. The bi-directional override tag will identify which should text should be read opposite from the preceeding text. <blockquote> ... </blockquote> Reserved for long paragraphs of quotations, often cited. Example Keep your cat healthy. Felines can catch a variety of illnesses Keep your cat healthy. outside and inside the house. It is important to bring your Felines can catch a variety of illnesses outside and inside the house. It cat to the veterinarian at least two times a year for a check-up. is important to bring your cat to the veterinarian at least <strike>one</strike> two Your cat should be neutered to prevent times a year for a check-up. unwanted babies and lower the risks of feline HIV. <blockquote> Dr. Tac Nam. Cat Professor Your cat should be neutered to prevent unwanted babies and lower the risks of feline This is a preformatted text which is a block type element. <cite>- Dr. Tac Nam. Cat Professor</cite> </blockquote> While this line has a gode tag in it, codes that can be embedded inline. This is a preformatted text which is a block type element. While this line has a <code>code tag</code> in it, codes that can be embedded inline. Links (+ formatting) 174 An anchor that's useful for bringing users to specific docu-Anchor text for hyperlink. ment elements. ... A link used to pull up an outgoing message to a specific ... email addresses. An anchor link that brings users specifically to a div element. ... A link to make phone numbers clickable, especially useful for mobile users. Images (+ formatting) 188 border="" An image tag to include and display image files. Explains the border thickness (if any). src="url" vspace="" Exactly like it sounds. The URL or file of the image to dis-Denote spacing on top or the bottom of image. hspace="" alt="text" Denote spacing on top or the bottom of image. Alternative text that helps explain the image content to <map> ... </map> both search engines and users. Helps you tell users that this is an interactive image with height="" clickable areas. The ability to specify image height in pixels or percentages. <map name=""> ... </map> Name of the map associated between the image and the width="" The ability to specify width in pixels or percentages. map. <area /> Specify the area of image map. The alignment of the image (relative to other text elements on the page). Example <map name="planetmap"> <area shape="rect" coords="0,0,82,126" href="sun.htm" alt="Sun"> <area shape="circle" coords="90,58,3" href="mercur.htm" alt="Mercury"> <area shape="circle" coords="124,58,8" href="venus.htm" alt="Venus"> Lists (+ formatting) 221 ... <dl> ... </dl> Create numbered (ordered) lists showing sequential order, Reserved specifically for list items definitions. preference or priority. <dt> ... </dt> The definition of a single term inline with body content. Display a bulleted (unordered) list without any extra em-<dd> ... </dd> phasis on order of importance. The description for the defined term. :.. Specifies each list item to be bulleted or numbered. Example <l 1. January Tomato Tomato January February Lettuce Lettuce February March Cheese March Cheese Coffee Black hot drink <d1> Milk <dt>Coffee</dt> White cold drink <dd>Black hot drink</dd> <dt>Milk</dt> <dd>White cold drink</dd> </41> Forms (formatting and attributes) 249 <form> ... </form> accept-charsets The form element creates a form, spelling out how the Identifies the character encodings upon the form submisform will operate based on it's attributes. sion. target action="url" Tells where to display the form response after being sub-The form action URL specifies where data is to be sent mitted, generally one of the following: _blank, _self, _parwhen a site visitor submits the form. ent, _top method="" The method attribute refers to the HTTP method (Get, <fieldset> ... </fieldset> Post), which dictates how to send the form data. Identifies the group of all fields on the form. enctype="" <label> ... </label> This attribute dictates how the form-data is to be enconded A simple field label, telling the user what to enter in each when submitting information back to the web sever (for field. method="post" only). <legend> ... </legend> autocomplete The form legend acts as a caption for the fieldset element. Dictates whether a form should have autocomplete on or off. <input /> The form input attribute defines the type of field informanovalidate tion to receive from a user. Dictates whether the form should not be validated when submitted. Input type attributes placeholder="" type="" Specifies the field input type, typically including text, pass-Provides a helpful hint to the user, describing what the <input> element value should be. word, date-time, checkbox, password submit etc. pattern="" name="" Identifies a regular expression that the <input> element Describes the name of the form. gets checked against, making sure the user entered the correct information. value="" Describes the value or input field information. min="" size="" The minimum value allowed for each <input> element. Specifies the input element width in characters. max="" The maximum value allowed for each <input> element. maxlength="" Identifies the maximum input element character numbers autofocus allowed. Says to make sure that the <input> element comes into focus after the page loads. required Another helpfully explicit tag, making sure the <input> eledisabled ment is completely filled out prior to the user submitting Disables an <input> element on the form. the form. <textarea> ... </textarea> Specifies a large text input for longer messages. Identifies the legal number intervals for an input field. <select> ... </select> width="" Describes a drop-down box for user's to select one from a Specifies the width (in pixels) of an <input> element. variety of options. height="" Dictates the height (again, in pixels) of an <input> element. Select attributes name="" autofocus Specifies that a drop-down list automatically comes into The name for a drop down combination box. focus after a page loads. size="" <optgroup> ... </optgroup> Specifies the number of available, visible options in a Specifies the entire grouping of available options. drop-down. <option> ... </option> multiple Allows for multiple selections to be made at one time. Defines one of the available options in the drop-down list. required Requires that a value is selected before a user can submit a Option attributes value="" <button> ... </putton> Defines the clickable button for users to submit options. Explains the option value available for selection. selected Defines the default selected option for users. Example <form action="action page.php" method="post"> <fieldset> <legend>Personal information:</legend> First name:
 <input type="text" name="firstname" value="Mickey" placeholder="First Name">
 Last name:
 <input type="text" name="lastname" value="Mouse" placeholder="Last Name">
 Favorite car brand:
 <select> <option value="volvo">Volvo</option> <option value="saab">Saab</option> <option value="mercedes">Mercedes</option> <option value="audi">Audi</option> </select> <textarea name="description"></textarea> <input type="submit" value="Submit">

</fieldset>

...

<thead> ... </thead>

...

<tfoot> ... </tfoot>

Table footers describe all footer content.

<caption> ... </caption>

tained in each column underneath.

The table tag identifies and contains all table related con-

The caption is a description of what the table is, and what it

The table headers describe the type of information con-

The table body contains the table's data or information.

<col span="2" style="background-color:#181a1f">

<col style="background-color:#2c323c">

Tables (+ formatting)

...

...

...

the table.

item.

cell.

poses.

Example

Objects and iFrames

iFrame Attributes

The name of the <iframe>.

<iframe> on the current page.

<embed> ... </embed>

plication or additional plug-in.

Defines the width of your <iframe>.

The URL source of the original document to embed inside

This contains the actual HTML content to display inside the

Appending extra parameters help you customize the

The embed tag acts as a container for another external ap-

The source URL of the external file you're embedding.

Describes the media type of embedded content to include.

name=""

the <iframe>.

srcdoc=""

width=""

<param />

iframe content.

src=""

type=""

<nav> ... </nav>

menu.

bar.

notations.

<rp> ... </rp>

<rt> ... </rt>

<ruby> ... </ruby>

<bdi> ... </bdi>

<time> ... </time>

Identifies the time and date.

A line-break within the content.

other text.

<wbr>

Collective Character Objects

<summary> ... </summary>

Navigation links for the user in a document.

The specific menu item that a user can raise from a popup

Describes the scalar measurement within a known array.

Displays the progress of a task, usually used for progress

Displays text within browsers that do not support ruby an-

Displays East Asian typography character details.

Describes a Ruby annotation for East Asian typography.

Helps you format part of text in a different direction from

© © Copyright symbol - ©

™ ™ Trademark symbol - ™

@ @ @ Symbol - @

• • Small bullet - .

Contains a visible heading for a <details> element.

<menuitem> ... </menuitem>

progress> ...

<meter> ... </meter>

Embed Attributes

Example

HTML5 New Tags

<iframe src="demo iframe.htm" width="200" height="200"></iframe>

<embed src="helloworld.swf" width="200" height="200"></embed>

<object width="400" height="400"></object>

<col />

Contains the information to be included in a single row of

Contains the actual information or data in a single header

Contains the actual information or data in a single table

Groups a single (or multiple) columns for formatting pur-

Defines a single column of information inside a table.

TITLE

My first HTML

My first CSS

PRICE

\$53

\$49

<colgroup> ... </colgroup>

ISBN

3476896

5869207

</form>

tent.

contains.

height=""

width=""

type=""

usemap=""

height=""

width=""

tion).

al section).

view or hide.

figure.

tent.

embedded content.

<header> ... </header>

<footer> ... </footer>

Describes the main content of a document.

Specifies content contained in a document sidebar.

Describes additional facts or information that the user can

<article> ... </article>

<section> ... </section>

<details> ... </details>

<dialog> ... </dialog>

<figure> ... </figure>

A dialog box or window.

illustrations or more.

<mark> ... </mark>

Specifies a section block in the document.

<figcaption> ... </figcaption>

The <figure> element caption that helps describes the

An independent content block featuring diagrams, photos,

Displays a portion of highlighted text within the page con-

" " Quotation Marks - "

& & Ampersand - &

< < Less than sign - <

> > Greater than sign - >

Non-breaking space

<aside> ... </aside>

Identifies an article inside a document.

<main> ... </main>

>

<colgroup>

</colgroup>

ISBN

Title

Price

3476896

5869207

<object> ... </object>

The object tag describes an embedded file type, including

audio, video, PDFs, additional pages, and more.

Describes the height of the object in pixels.

Describes the width of the object in pixels.

<iframe> ... </iframe>

information into an existing document.

Describes which media type the data contains.

This is the name of a client-side image map within <object>.

Contains an inline frame that allows you to embed external

Defines the height of the embedded content you're includ-

Similar to previous, but this time defining the width of the

Defines the header block for a document (or individual sec-

Identifies the footer block for the document (or an individu-

\$53

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My first HTML

My first CSS