Essential HTML & CSS

I399 Web Development – Online resource: https://developer.mozilla.org/en-US/docs/Web/CSS

HTML Tags

Required

<!doctype html>	identifies page as HTML
<html>	wraps around your entire web page
<head>	contains resources; what you DON'T see
<body>	contains the content and design; what you DO see

<meta charset="utf-8">

makes sure all your characters are correct

<title>This title appears in the browser tab</title>

title for your website/webpage

<link rel="stylesheet" href="css/styles.css"> *HTML5*
<link rel="stylesheet" type="text/css" href="css/styles.css"> *HTML4*

links your HTML to your CSS (stylesheet)

Content structure

<p>	paragraph – default text container
<h1>, <h2>, … <h6>	headlines in order of importance
** **	bulleted list / unordered list
** **	numbered list / ordered list
** **	list item
<table>	define table
<tr>	create a table row
<td>	create a table cell (column)

Link Name

make a link/hyperlink to other web pages

<img src="images/kitten.jpg" alt="Short description.">

place an image

Page structure

<div>	box, division – *for structure and/or design*

CSS Tags

Values separated with a pipe (|) are either/or; bolded values = default values

Box model

PROPERTY	VALUES
width	100%	100px	1.0em;
height	100%	100px	1.0em;

padding
margin

Example usage:

padding-top: 20px;	20px padding on the top
padding-right: 20px;	20px padding on the right
padding-bottom: 20px;	20px padding on the bottom
padding-left: 20px;	20px padding on the left

padding: 20px 20px 20px 20px;	padding 20px all sides
padding: 20px 0 40px 10px;	20px top, 0 right, 40px bottom, 10px left
padding: 20px 0 35px;	20px top, 0px left/right, 35px bottom
padding: 35px 0;	35px padding top/bottom, 0px left/right
padding: 35px;	35px padding all sides
padding: 0;	no padding

border
Example usage:

border: 1px solid black;   border: width type color;

solid black 1px border

border-width	**medium**	thin	thick	1px
border-style	**solid**	double	dashed	dotted
border-color	**black**	#000000	rgb(0,0,0)

border-top   borders may also be set individually
border-right
border-bottom
border-left

background-color   red | #ff0000 | rgb(255,0, 0)

Links

PROPERTY	VALUES
a:link	a:link, a:visited { color: blue; }
a:visited	
a:active	a:link, a:visited { color: red; }
a:hover	
a:focus	style when working on mobile designs

Fonts

PROPERTY	VALUES
font-family	

Example usage: ('font stacks')
font-family: Georgia, 'Times New Roman', serif;
font-family: Rockwell, Georgia, 'Times New Roman', serif;
font-family: 'Helvetica Neue', Helvetica, Arial, sans-serif;

color	red	#ff0000	rgb(255,0, 0)
color of text	
font-size	16px	1.0em	100%
font-weight	**normal**	bold
font-style	**normal**	bold
line-height	21px	1.3em	130%
leading	
text-transform	**capitalize**	uppercase	lowercase
text-decoration	**none**	underline	line-through
especially useful on links	