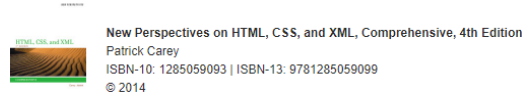# Tutorial One Assignment Outline: Getting Started with HTML5
This PDF file consists of Five (5) pages

Please note: Students are strongly recommended to read **Tutorial One** in Carey and Vodnik Textbook (HTML, CSS, and XML, 4th Edition).

New Perspectives on HTML, CSS, and XML, Comprehensive, 4th Edition
Patrick Carey
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Please carefully read the following pertinent information:

- **Due Date**: : **Sunday, February 07 at 11:30 p.m.**

- **Submission Type**: Must be uploaded (submitted to) the **IVC Student Web Server** located at (https://st3w.ivc.edu/cs50/)**.** for full details, please see the course syllabus

- **Naming Rule**: Before uploading this tutorial project to IVC Student Server, students are required to use the naming rule (**t1-The J-Prop Shop**). Failure to comply will result in a 10% deduction.

Tutorial – 1 Objectives

Students will have mastered the materials presented in Tutorial One when they can:

Session 1.1 (The Structure of an HTML5 Document)	Session 1.2 (Page Content Elements)
• Explore the History of the Web (**HTML 4 – 5**) • Introducing HTML **(HTML 5 – 8)** • Entering Elements and Attributes (**HTML 8 – 10**) • Exploring the Structure of an HTML document (**HTML 10 – 13**) • Making the Head Element (**HTML 13 – 16**) • Defining the Structure of a Page Body (**HTML 17 – 22**)	• Working with Grouping Elements (**HTML 26 – 34**) • Making a List (**HTML 34 – 40**) • Applying an External Style Sheet (**HTML 41 – 45**) • Making Text-Level Elements (**HTML 45 – 49**) • Making a Line Break (**HTML 49 – 51**) • Inserting an Inline Image (**HTML 52 – 54**) • Working with Character Sets and Special Characters. (**HTML 54 – 60**)

Grading Rubric- Tutorial One

IMPORTANT The following reflects an enhanced version of the author's original grading rubric.
The criteria described for each section, plus associated pages, listed below, are the closest proximity as an assessment tool, and may not completely convey the complete tasks that should be performed to obtain full credit for **Tutorial_1 project assignment**. It is of vital importance to closely follow and master the materials presented in the **Tutorial One Chapter**.

Therefore, in addition to the criteria listed below, it is further expected to measure your complete work, For the assessment of any key components that may quantify and validate the performance of **Tutorial_1 project assignment**, based on;

1. Correct positioning and layout of all elements on the **J-Prop Shop** **page source code** will be inspected for correct spelling for accuracy of the work, presented. *
2. Final design of **J-Prop Shop** home page, should resemble **Figure 1-46** on page **HTML 58**, as shown at the end of this document *

* Additionally, to achieve your desired results, it is reasonably expected your completed work shall comply with the statements as described in the above two steps. Failure to comply will result in an additional 10 % deduction.

Description	Pts @ Page #	Your Score
Session 1.1: (**The Structure of an HTML5 Document**) Creating the **Initial** Document. Include **Document Type Declaration**. An HTML 5 file must include Document Type Declaration that begins with the HTML element <!DOCTYPE html> placed on the first line of an HTML file, before the HTML opening tag • Start your text editor, and open a blank text document. Create the basic structure of a new HTML5 file. Shown on Fig. 1-3. Save the new file as **jprop.htm**.	**1** **HTML 11 through HTML 13**	
Marking the **Head Element**. • Add a title to the document head of **The J-Prop Shop** page. Shown on Fig. 1-4. • Add a comment to the document head, to identify the author and the purpose of the document, where the author name is **your name**, and the date is the **current date**. Shown on Fig. 1-5. Save your changes to **jprop.htm**. • Start your web browser, and display initial **jprop.htm**. Shown on Fig. 1-6. As you encounter, the page is empty, as no content has been added yet.	**1** **HTML 13 through HTML 16**	
Define the **structure** of the **jprop.htm** page **body**. • Fig. 1-7 portrays the handout on information on the company and its products. • Fig. 1-8 portrays the structure of the company web page. • Insert the HTNL5 structural elements. Shown on Fig. 1-10. Save your changes to **jprop.htm** file. • Add three article elements. Shown on Fig. 1-11. Save your changes to **jprop.htm** file	**1** **HTML 17 through HTML 20**	
Session 1.2 (Page Content Elements) **For Experimentation Only** Working with **Grouping Elements**. View **Heading Elements**. • Open the **demo_html.htm** in your web browser. (check for demo files in Canvas. • (See the fourth entry under TUTORIL ONE text heading in the Tutorial Projects group. • If your browser prompts you to allow ode from the **jprop.htm** page to be run, click the **Allow blocked content** button. • To view the heading elements, follow the instructions provided, and preview the code. Shown on Fig. 1-14	**HTML 26 & 27**	
• Add headings to your **jprop.htm** file. Shown on Fig. 1-15. Save your changes to **jprop.htm** file. • Reload and refresh **jprop.htm** file in your web browser. Fig. 1-16 portrays the initial view of the **jprop.htm** page body content.	**2** **HTML 28 & 29**	
Grouping Headings. • Group the first two headings to your **jprop.htm** document. Shown on Fig. 1-17. Save your changes to **jprop.htm** file. • Add four paragraphs to your web page. Shown on Fig. 1-18. Save your changes to **jprop.htm** file. • Refresh the **jprop.htm** file. Fig. 1-19 portrays the new paragraphs added to **jprop.htm** file.	**2** **HTML 29 through HTML 32**	
Marking **Block Quotes**. • Create the customer comment block quotes. Shown on Fig.1-20. Save your changes to **jprop.htm** file. Fig. 1-21 portrays the revised **jprop.htm** file with the quoted material.	**2** **HTML 32 & 33**	
Marking an **Address**. • Add the **J-Prop Shop** address. Shown on Fig. 1-22. Save your changes to **jprop.htm** file. • Fig. 1-23 portrays the address added to **jprop.htm** file, as rendered in the web page.	**1** **HTML 33 & 34**	
Marking an **Ordered List**. **For Experimentation Only** o Return to the **demo_html.htm** file in your web browser	**HTML 34**	

○ Delete the HTML code in the left box ○ Replace it with an ordered list, as shown on the bottom of HTML 35. ○ To view the ordered list items, follow the instructions provided, and preview the code. Shown on Fig. 1-24.	**through** **HTML 36**	
Marking an **Unordered List**. **For Experimentation Only** ○ While still in the **demo_html.htm** file ○ Delete the HTML code in the left box ○ Replace it with an unordered list, as shown on the bottom of HTML 36. ○ To view the unordered list items, follow the instruction provided and preview the code. Shown on Fig. 1-25	**HTML 36 & 37**	
Marking a **Nesting List**. **For Experimentation Only** ○ While still in the **demo_html.htm** file ○ Position mouse pointer after the word *Stick* in `<li> Basic Stick</li>` line. Press the **Ente**r key. ○ Follow the instructions to enter the code between the `<li> Basic Stick`, and closing `</li>` tag, as shown on the bottom of HTML 37. ○ To view the nested list items, follow the instruction provided and preview the code. Shown on Fig. 1-26.	**HTML 37 & 38**	
Marking a **Description List**. **For Experimentation Only** ○ While still in the **demo_html.htm** file ○ Replace the code in the left box with code, as shown on the bottom of HTML 38. ○ To view the description list items, follow the instruction provided and preview the code. Shown on Fig. 1-27.	**HTML 38 & 39**	
Return to the **jprop.htm** file, in your text editor. • Within the opening tag of the second article structural element (See Fig. 1-18, above, on HTML 31), which starts with Specials This Month heading, and directly below the p element, insert the entire code of unordered list items, as shown on the bottom of HTML 39. • Fig. 1-28 portrays an unordered list that has been added. • Save your changes to **jprop.htm** file. Fig. 1-29 portrays the unordered list rendered in your web browser, after the web page is refreshed.	**2** **HTML 39 & 40**	
Apply an **External Style Sheet** to your web page. • Use your text editor to open the **jprop.htm** file. Within the head element at the top of the **jprop.htm** file, enter the link element to insert the **jpsstyles.ccs** external style sheet. Shown on Fig.1-30. Save your changes to **jprop.htm** file. Reload the **jprop.htm** file in your web browser. • Fig. 1-31 portrays the **jpsstyles.ccs** external style sheet, rendered within **The J-Prop Shop** web page.	**1** **HTML41& 42**	
How to access and run a **JavaScript** file, **Modernizr**. • Open the **jprop.htm** file in your text editor. Fig. 1-33 portrays how to link **modernizr-1.5.js** JavaScript file, using the *<script> tag* to embed a JavaScript file. • Save your changes to **jprop.htm** file, and open it in your web browser. • Fig. 1-34 portrays how your **jprop.htm** web page appears with Modernizr.	**1** **HTML43 & 44**	
Marking **Text-Level Elements**. **For Experimentation Only** To explore the use of inline elements ○ Open the **demo_html.htm** file in your web browser ○ Replace the code in the HTML Code, and follow the instructions provided at the top of HTML 38. ○ Fig. 1-36 portrays how the strong and cite text-level elements are applied.	**HTML45 & 46**	

How to mark **strong** text. • Return to the **jprop.htm** file, in your text editor. Follow the instructions to mark strong text element, as shown on Fig. 1-37. Save the changes to **jprop.htm** file. • Reload the **jprop.htm** file in your web browser. Fig. 1-38 portrays how product names are rendered in boldface font.	**1** **HTML47**
How to **cite** customer quotes and insert **line breaks** in their comments • Return to the **jprop.htm** file, in your text editor. Follow the instructions to append customer names to the customer comments section, as shown on the bottom of HTML49. • Fig. 1-39 portrays the revised code in the file. Save the changes to **jprop.htm** file. • Refresh **jprop.htm** file in your web browser. Fig. 1-40 portrays the revised comments sidebar. • To insert line breaks in the customer comments, Return to the **jprop.htm** file, in your text editor. Follow the instructions provided on Fig. 1-41 on inserting line breaks. Save the changes to **jprop.htm** file. • Refresh the **jprop.htm** file in your web browser. Verify that each citation starts on a new line below the associated customer comment.	**1** **HTML 49 through HTML 51**
How to insert an **Inline Image**. Inline Images are graphic files with non-textual content and must be stored as separate files. • Return to the **jprop.htm** file, in your text editor. Follow the instructions to insert the company logo, as shown on the bottom of HTML51. • Fig. 1-42 portrays how to add an inline image. Save the changes to **jprop.htm** file. • Refresh **jprop.htm** file in your web browser. Fig. 1-43 portrays how to view the company logo.	**1** **HTML 52 & 53**

Working with **Character Sets** and **Special Characters**.
For Experimentation Only
To explore various encoding numbers and character entity references
   o Open the **demo_characters.htm** file in your web browser. Follow the instructions provided on the bottom of HTML 55 and the top of HTML 56
   o Fig. 1-44 portrays a demonstration of HTML character symbols.
   o Close the demo page. Leave your web browser open
	HTML 54 through HTML 56

How to add **bullets** and **em-dash** to your web page. • Return to the **jprop.htm** file, in your text editor. Follow the instructions to add bullets and em-dash to your web page. Fig. 1-45 portrays how to add symbols from a character set. • Refresh **jprop.htm** file in your web browser. Fig. 1-46 portrays the final content of your web page.	**1** **HTML 57 & 58**
How to specify character encoding - **Unicode Transformation Format** (**UTF**) A meta tag contains information about the data on a web page. The meta tag designates the type of character set that the browser should use. The UTF-8 is standard for HTML5. • Return to the **jprop.htm** file, in your text editor. Follow the instructions to add a meta tag to your web page. Fig. 1-47 portrays the character encoding for your web page. • Save the changes to **jprop.htm** file, and close it. • Refresh **jprop.htm** file in your web browser, and verify that your browser renders the page with no errors.	**1** **HTML 58 & 59**
****IMPORTANT**** The following ending files for this tutorial project **MUST** be **PALCED** in the **t1-The J-Prop Shop** folder before uploaded to IVC Student Web Server. The Ending Files for this Tutorial Project **jprop.htm** **jpslogo.png** **jpsstyles.css** **modernizr-1.5.js**	**1**
TOTAL POSSIBLE POINTS:	**20**

Instructor Note:

the J-Prop Shop

Quality Juggling and Circus Props

Welcome

If you're looking for high-quality, hand-crafted juggling and circus products, the J-Prop Shop is the store for you. I've designed and built props for the past 35 years, and my products have been used by professional entertainers and hobbyists throughout the world. Our prices are reasonable and our quality is excellent.

Specials This Month

The following devil sticks are available at a special discount for the entire month of May:

- **Basic Stick ($19.95)** The easiest stick to learn with, but "grippy" enough for the most demanding tricks. Comes in red, green, and blue.
- **Flower Stick ($24.95)** A graceful stick with colored tassels. Flower Sticks float slowly, making them ideal for beginners.
- **Master Stick ($39.95)** Our most popular stick is shorter and heavier for fast play and more advanced tricks. Each Master Stick is available in custom colors.
- **Glow Stick ($29.95)** The Glow Stick shines brightly at night (without the danger of a fire stick).

Quality Tested

Every item I create is checked and tested before being shipped out to assure perfect quality. I take pride in every one of my juggling props and I want my customers to feel that same pride.

Customer Comments

Here are a few select quotes from our happy family of customers and associates:

"I'm more than happy to recommend Dave Vinet's products. I came upon his work 10 years ago and was immediately impressed by his craftsmanship. He provides well-balanced and attractive props which are the perfect complement to my performances."
— *Thomas Gage, Circus England*

"Dave Vinet makes the best juggling equipment on the planet. Period."
— *Douglas Pederson, Street-Wise Shows*

"David has been my main supplier for 20 years. I have never had a problem with his equipment and his service is impeccable."
— *Linda Unger, Linda & Louis*

THE J-PROP SHOP • 541 WEST HIGHLAND DRIVE • AUBURN, ME 04210 • (207) 555 - 9001