

Instructions & Grading Rubric
NP HTML5, CSS3, and JavaScript 6e
Designing for the Mobile Web, Case 1

Description	Pts	Your Score
1. Using your editor, open the <code>gp_cover_txt.html</code> , <code>gp_page1_txt.html</code> , <code>gp_page2_txt.html</code> , <code>gp_page3_txt.html</code> , <code>gp_layout_txt.css</code> , and <code>gp_print_txt.css</code> files from the <code>html05 c case1</code> folder. Enter your name and the date in the comment section of each file, and save them as <code>gp_cover.html</code> , <code>gp_page1.html</code> , <code>gp_page2.html</code> , <code>gp_page3.html</code> , <code>gp_layout.css</code> , and <code>gp_print.css</code> respectively.	5.45	
2. Go to the <code>gp_cover.html</code> file in your editor. Add a viewport meta tag to the document head, setting the width of the layout viewport to the device width and setting the initial scale of the viewport to 1.0.	3.64	
3. Create links to the following style sheets: a) the <code>gp_reset.css</code> file to be used with all devices, b) the <code>gp_layout.css</code> file to be used with screen devices, and c) the <code>gp_print.css</code> file to be used for printed output.	10.91	
4. Take some time to study the contents and structure of the file. Note each panel from the comic book is stored as a separate inline image with the class name <code>panel</code> along with class names of <code>size1</code> to <code>size4</code> indicating the size of the panel. <code>Size1</code> is the largest panel down to <code>size4</code> , which is the smallest panel. Close the file, saving your changes.	1.82	
5. Repeat Steps 2 through 4 for the <code>gp_page1.html</code> , <code>gp_page2.html</code> , and <code>gp_page3.html</code> files.	14.55	
6. Go to the <code>gp_layout.css</code> file in your editor. In this style sheet, you'll create the layout styles for mobile and desktop devices. Note that Devan has used the <code>@import</code> rule to import the <code>gp_designs.css</code> file, which contains several graphical and typographical style rules.	1.82	
7. Go to the Flex Layout Styles section and insert a style rule to display the page body as a flexbox oriented as rows with wrapping. As always, include the latest WebKit browser extension in all of your flex styles.	3.64	
8. The page body content has two main elements. The section element with the ID <code>sheet</code> contains the panels from the comic book page. The article element contains information about the comic book industry during the Golden Age. Devan wants more of the page width to be given to the comic book sheet. Add a style rule that sets the growth and shrink rate of the sheet section to 3 and 1 respectively and set its basis size to 301 pixels.	3.64	

9. Less page width will be given to the article element. Create a style rule to set its flex growth and shrink values to 1 and 3 respectively and set its basis size to 180 pixels.	3.64	
10. Go to the Mobile Devices section and create a media query for screen devices with a maximum width of 480 pixels.	3.64	
11. With mobile devices, Devan wants each comic book panel image to occupy a single row. Create a style rule that sets the width of images belonging to the panel class to 100%.	3.64	
12. For mobile devices, Devan wants the horizontal navigation links to other pages on the Golden Pulps website to be displayed near the bottom of the page. Within the media query, set the flex order of the horizontal navigation list to 99.	3.64	
13. Create a style rule to set the flex order of the body footer to 100. (Hint: There are two footer elements in the document, use a selector that selects the footer element that is a direct child of the body element.)	3.64	
14. Go to the Tablet and Desktop Devices: Greater than 480 pixels section and create a media query that matches screen devices with widths greater than 480 pixels.	3.64	
15. For tablet and desktop devices, you'll lay out the horizontal navigation list as a single row of links. Within the media query, create a style rule that displays the ul element within the horizontal navigation list as a flexbox, oriented in the row direction with no wrapping. Set the height of the element to 40 pixels.	3.64	
16. For each li element within the ul element of the horizontal navigation list set their growth, shrink, and basis size values to 1, 1, and auto respectively so that each list items grows and shrinks at the same rate.	7.30	
17. With wider screens, Devan does not want the panels to occupy their own rows as is the case with mobile devices. Instead, within the media query create style rules, define the width of the different classes of comic book panel images as follows: <ul style="list-style-type: none"> a. Set the width of size1 img elements to 100%. b. Set the width of size2 img elements to 60%. c. Set the width of size3 img elements to 40%. d. Set the width of size4 img elements to 30%. 	7.30	
18. Save your changes to the file and then open the gp_cover.html file in your browser or device emulator. Click the navigation links to view the contents of the cover and first three pages. Verify that with a narrow screen the panels occupy their own rows and with a wider screen the sheets are laid out with several panels per row. Further verify that the horizontal navigation list is placed at the bottom of the page for mobile devices.	1.82	

<p>19. Devan also wants a print style that displays each comic book sheet on its own page and with none of the navigation links. Go to the gp_print.css style sheet in your editor. Add style rules to</p> <ul style="list-style-type: none"> a. hide the nav, footer, and article elements. b. set the width of the section element with the ID sheet to 6 inches. Set the top/bottom margin of that element to 0 inches and the left/right margin to auto in order to center it within the printed page. c. set the width of size1 images to 5 inches, size2 images to 3 inches, size3 images to 2 inches, and size4 images to 1.5 inches. 	10.91	
<p>20. Save your changes to the file and then reload the contents of the comic book pages in your browser and preview the printed pages. Verify that the printed page displays only the website logo, the name of the comic book, and the comic book panels.</p>	1.81	
<p>21. a. Zip (compress) your case1 folder and submit to Blackboard.</p> <p style="text-align: center;">No submission in Blackboard = -5</p> <p>b. Publish your case1 folder into the Student Website.</p> <p>NOTE: Per Course Requirements, assignments not correctly operating on student websites will not receive credit.</p>		
TOTAL	100	