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| --- | --- | --- | --- |
| Instructor |  | Due Date |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Part | **1** | **2** | **3** | **4** | Total |
| *Maximum Points* | **25** points | **25** points | **25** points | **25** points | **100**G101010 pointsG |
| ***Your Score*** |  |  |  |  |  |

**Textbook Reading Assignment**

Thoroughly read Tutorial 3 in your Carey HTML, CSS, and Dynamic HTML textbook.

**Part 1 Glossary Terms**

Define, in detail, each of these glossary terms from the realm of computer programming logic and design and computer topics, in general. If applicable, use examples to support your definitions. Consult your notes or course textbook(s) as references or the Internet by visiting Web sites such as:

[**http://www.askjeeves.com**](http://www.askjeeves.com) or [**http://www.webopedia.com**](http://www.webopedia.com/)

**(a) hue**

|  |
| --- |
| Changes how light a color is |

**(b) saturation**

|  |
| --- |
| Changes the intensity of a color |

**(c) lightness**

|  |
| --- |
| Controls how much white is in the color |

**(d) opacity**

|  |
| --- |
| Controls how transparent an element is |

**(e) font - family**

|  |
| --- |
| Picks the font to be sued |

**(f) CSS @rules**

|  |
| --- |
| Passes parameters to the CSS parser. Examples include passing it things such as charsets and media style parameters. |

**(g) deprecate**

|  |
| --- |
| Older modules whose use is discouraged because newer features have replaced them. |

**Part 2 Textbook Exercises – Matchmaker, matchmaker, …**

Match the letter with the number.

1. Signals browser to enforce a style
2. <link href = "kp\_layout.css" rel="stylesheet" type = "text/css" />
3. RGB triplet
4. empty
5. Comic Sans MS
6. \_\_\_\_\_\_\_\_\_e\_\_\_\_\_ web safe font
7. \_\_\_\_\_\_\_\_\_a\_\_\_\_\_ !important
8. \_\_\_\_\_\_\_\_\_d\_\_\_\_\_ pseudo-class
9. \_\_\_\_\_\_\_\_\_b\_\_\_\_\_ external style sheet
10. \_\_\_\_\_\_\_\_\_c\_\_\_\_\_ color name, hexadecimal, and….. to define color

**Part 3 Code It!**

Write the html code with the following specifications:

Jillian’s Pet Store wants a web page that features (1) the animals that are available for sale (dogs, cats, fish, frogs, turtles, birds, hamsters, and rabbits), (2) aquariums, terrariums, cages, (3) pet food, and (4) miscellaneous pet accessories. Jillian loves earth colors, and bold text. She would like her contact information on the page: Jillian’s Pet Store, 123 Elm Lane, Greenwilde, IL 60022, telephone number: 218 -222-3333.

Use CSS and HTML to create the web page. Submit your code as an executable html file.

**Part 4 Case Study from Text**

Please perform Case Study number One in your text. Place the code and a snapshot of your output from the browser.