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VQG Assignment 1--Intro, Ch 1, Ch 4

From textbook: Visual Quickstart Guide (VQG): HTML & CSS
Save this file in your VQG folder, then follow the instructions below.

PART 1: QUESTIONS & ANSWERS: Read pages **xv** through **xxi** in the **INTRODUCTION** of the **VQG** book, and then fill in the answers to these questions in the row after the question.

1. What is **HTML**?

HTML is a tool that is used to define the content on a web page.

2. Look up **HTML** in the index of the book. What does **HTML** stand for?

Hypertext Markup Language

3. What are some of the new features of **HTML 5.0**?

Some of the new features of HTML 5.0 include additional elements that are used to describe content, others aid in creating web applications.

4. Look up **CSS** in the index of the book. What does **CSS** stand for?

Cascading Style Sheet

5. List at least five browsers (Note: for this course, we will use Google CHROME):

Internet Explorer

Safari

Google Chrome

Mozilla Firefox

Opera Mini

6. Use Google search to define these terms:
    1. Unicode: A character set for all languages
    2. utf-8: An ASCII -compatible multibyte Unicode and UCS encoding, used by Java and Plan 9

7. What does **progressive enhancement** mean with regard to web sites?

Progressive enhancement helps to build sites with universality in mind.

PART 2: FIRST WEB PAGE: Read pages **1** through **7** in the **VQG CHAPTER 1: WEBPAGE BUILDING BLOCKS,** then follow the instructions below to create your first web page.

Screenshot of the <u>Blue Flax</u> web page rendered in CHROME:

The Ephemeral Blue Flax

I am continually *amazed* at the beautiful, delicate Blue Flax that somehow took hold in my garden. They are awash in color every morning, yet not a single flower remains by the afternoon. They are the very definition of ephemeral.

Ephemeral: Lasting for a short time, transitory, existing only briefly. Ephemeral is from the grek work*ephemeros*, which literally means "lasting only one day."

10:45 PM
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PART 3: Chapter 4: TEXT: Answers are found in the **VQG** book, **Chapter 4**.

1. Explain the purpose of each of the following **HTML tags** (**HTML tags** are what web programmers call the HTML code found in the **< >** brackets; the book calls them "**elements**"):
   NOTE: Chapter 4 also contains many new HTML 5.0 tags which have specialized usage; the tags below are general usage tags you will use in most of your HTML programs.

   1. **<p>** - paragraph
   2. **<small>** - defines smaller text
   3. ** -** defines important text
   4. **<em>** - emphasized text
   5. **<i> -** defines a part of text in an alternate voice or mood
   6. **<b> -** Bold text
   7. **<figure>** - self-contained content
   8. **<blockquote>** - defines a section that is quoted from another source
   9. **<time> -** defies date/time
   10. **<dfn> -** the defining instance of a term
   11. **<sub>** - subscripted text
   12. **<sup> -** superscripted text
   13. **<code> -** defines a piece of computer code
   14. **<pre> -** preformatted text
   15. **
** - defines a break

2. What is the purpose of the tags with a slash at the beginning (as in ****)?

   The slash symbolizes the end of a tag

3. **PDF:** When you have completed this assignment, save this file as usual, then save as a **PDF** file in your **VQG** folder (**press F12 for SAVE AS,** then choose **PDF** from the **SAVE AS TYPE** dropdown list).
   NOTE: You will upload your PDF file, share with your instructor, and link to your index page when you have learned to do this.