

# **CCA-104: WEB TECHNOLOGIES**

## **Assignment**

### **PART-1**

#### **Q) 1) A) HTML:**

- HTML is a language for describing web pages.
- HTML stands for Hyper Text Markup Language
- HTML is not a programming language, it is a markup language
- A markup language is a set of markup tags
- HTML uses markup tags to describe web pages

#### **HTML List**

HTML offers two ways for specifying lists of information.

All lists must contain one or more list elements. Lists may contain:

- An unordered list(<UL>): This will list items using plain bullets.
- An ordered list(<OL> ): This will use different schemes of numbers to list your items.

#### **B) CSS:**

- A simple mechanism for controlling the style of a Web document without compromising its structure.
- It allows you to separate visual design elements (layout, fonts, colors, margins, and so on) from the contents of a Web page.
- Allows for faster downloads, streamlined site maintenance, and global control of design attributes across multiple pages.

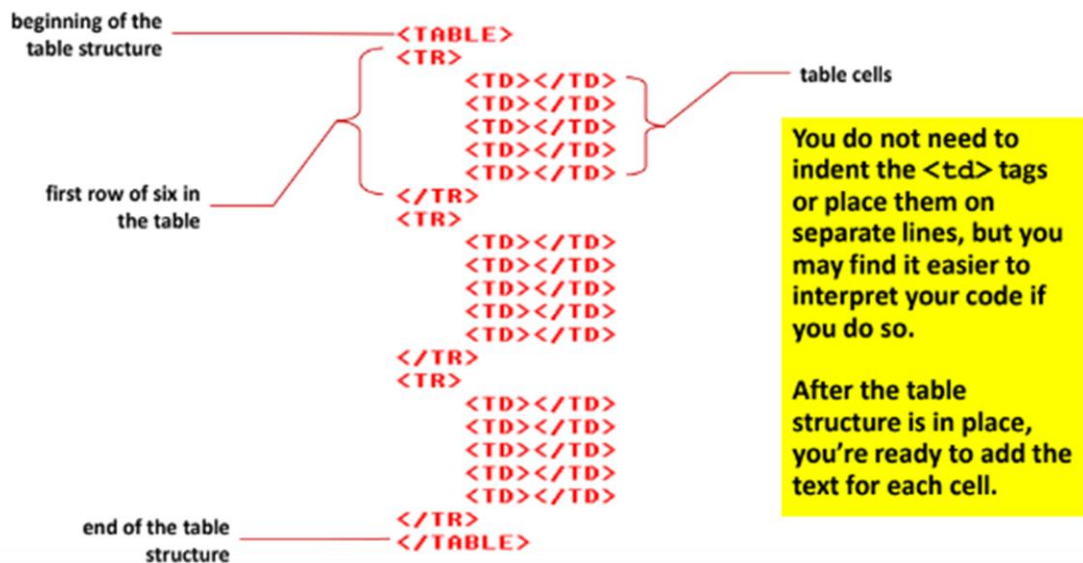
#### **Box Model of CSS:**

- CSS considers every HTML5 element to be enclosed in a “box”
  - the boxes will not be visible, unless you make them visible
- can clearly visualize content, padding, border, and margin

#### **Q) 2) HTML :**

- HTML is a language for describing web pages.
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- A markup language is a set of markup tags
- HTML uses markup tags to describe web pages

# HTML Structure of a Table



## Part-2

### Q)3) PHP LOOPS:

- server-side programming language
- Designed for quick development of HTML based dynamic web pages
  - Server side scripts embedded in HTML pages
  - `<?php ..... ?>`
- Elements of C, Java, and Perl.

#### Loops:

- if, else, switch ... case ..., break, continue
  - **Similar to C, but must use brackets {} always**
- elseif
  - **Different syntax to C, same semantics**
- While loop ..., do ... while loop, for loop...
  - **All similar to C**

#### Evaluation Of Employee:

994, *Rasmus Lerdorf*: started off as a series of Perl scripts

- June 8, 1995: Personal Home Page/Forms Interpreter, released to the public
- June, 1998, PHP3
- PHP4 introduced features of object-oriented programming
  - **Objects/classes**
  - **Pass/return by reference**

- PHP5 added more OO features
  - **Exception handling**
  - **Abstract classes and methods**

**Q)4) i) Javascript:**

JavaScript was designed to add interactivity to HTML pages.

- JavaScript is a scripting language.
- A JavaScript consists of lines of executable computer code.
- A JavaScript is usually embedded directly into HTML pages.
- JavaScript is an interpreted language (means that scripts execute without preliminary compilation).
- Everyone can use JavaScript without purchasing a license.

**ii) Javascript:**

Are Java and JavaScript the Same?

- NO!
- Java and JavaScript are two completely different languages in both concept and design!
- Java (developed by Sun Microsystems) is a powerful and much more complex programming language - in the same category as C and C++.