

Hyper Text Markup Language

HTML

Introduction

- HTML is a **markup** language
- HTML separates “**content**” (words, images, audio, video, and so on) from “**presentation**”
- HTML **tags** (HTML elements)
 - Paired Tags Eg: `<h1>Hello World </h1>`
 - Unpaired Tags Eg: `
`

Structure of HTML Pages

<!DOCTYPE ...> version information

<HTML>

<HEAD>

...information about document, scripts, styles....

</HEAD>

<BODY>

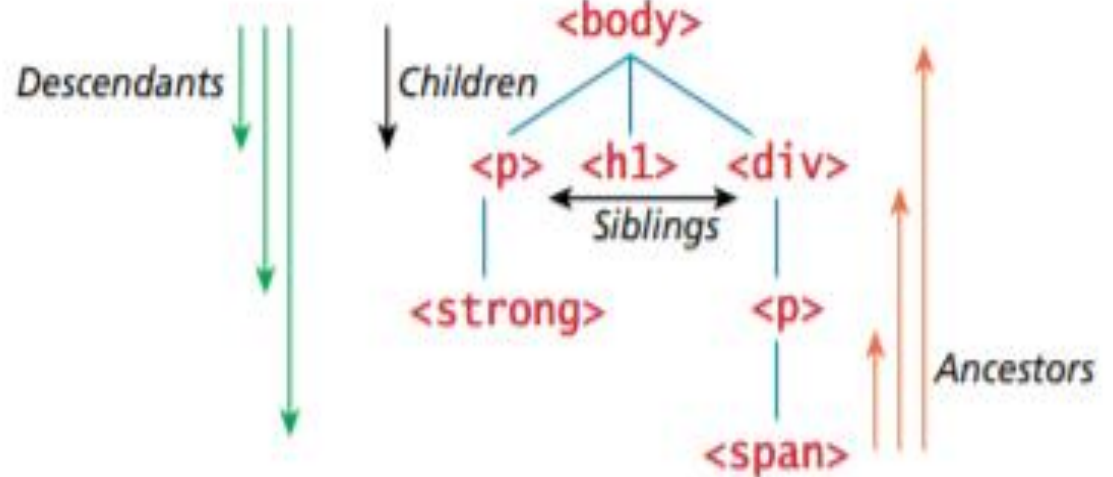
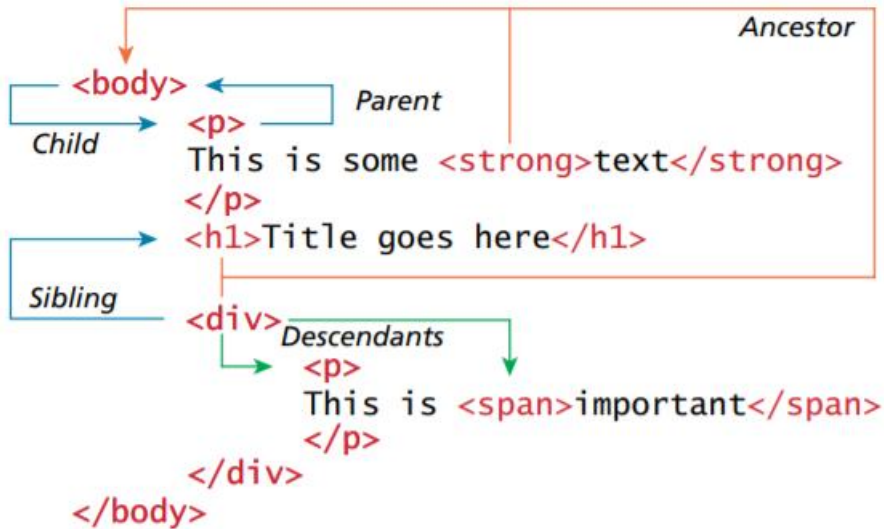
...visible content of document....

</BODY>

</HTML>

- Demo

Nesting HTML Elements



HTML Text based Tags

- Text Formatting Tags
 - Heading styles, page breaks, paragraph
- Text styles
 - Bold, italics, alignment, font size and color
- Text effects
 - Moving text, blinking text

Exercises to do – Part of Assignment 3 (Classroom Assignment)

- **Q1: Use header tags**

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

- **Q2: Usage of subscripts and superscripts**

On the 4th of September you will learn about $E=MC^2$.

The amount of CO₂ in the atmosphere grew by 2ppm in 2009₁.

Exercises to do – Part of Assignment 3 (Classroom Assignment)

- Q3: Usage of subscripts and superscripts

$$(\log_2 x)^2$$

$$e^{x^2} \log_2 (x^2)^2$$

$$e^{(\log_a b * \log_b a)^2}$$

- Q4: (Use different fonts and different colors)

This is some text!

This is some text!

This is some text!

This is some text!

Exercises to do – Part of Assignment 3 (Classroom Assignment)

- **Q5: (Use blockquote and quote tags in html)**

Did you ever stop to think, and forget
to start again?

As A.A. Milne said, "Some people talk to animals.
Not many listen though. That's the problem."

- **Q6: Find out the HTML tag for generating the below output and implement the code**

Laptop computer:

~~Was \$995~~

Now only \$375

HTML Lists

- Ordered

1. Tamilnadu
2. Uttar Pradesh
3. West-Bengal

- Unordered

- Tamilnadu
- Uttar Pradesh
- West-Bengal

- Definition List

Exercises to do – Part of Assignment 3 (Classroom Assignment)

- **Q7: (Ordered list)**

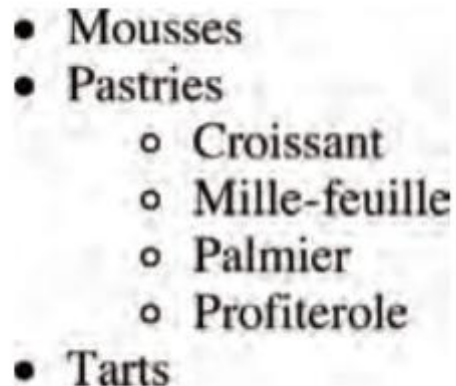
1. Chop potatoes into quarters
2. Simmer in salted water for 15-20 minutes until tender
3. Heat milk, butter and nutmeg
4. Drain potatoes and mash
5. Mix in the milk mixture

- **Q8: (Use unordered lists)**

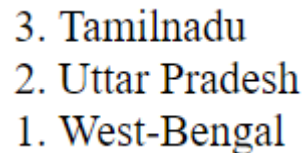
- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

Exercises to do – Part of Assignment 3 (Classroom Assignment)

- **Q9: (Nested lists)**

- 
- Mousses
 - Pastries
 - Croissant
 - Mille-feuille
 - Palmier
 - Profiterole
 - Tarts

- **Q10:**

- 
3. Tamilnadu
 2. Uttar Pradesh
 1. West-Bengal

Thank You