

HTML and CSS Overview

HTML Basic Tags, CSS Introduction



• The HTML language describes Web content (Web pages)

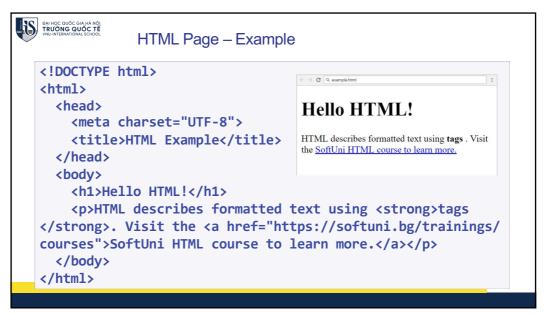
- Text with formatting, images, lists, hyperlinks, tables, forms, etc.

- Uses tags to define elements in the Web page

Opening tag

Closing tag

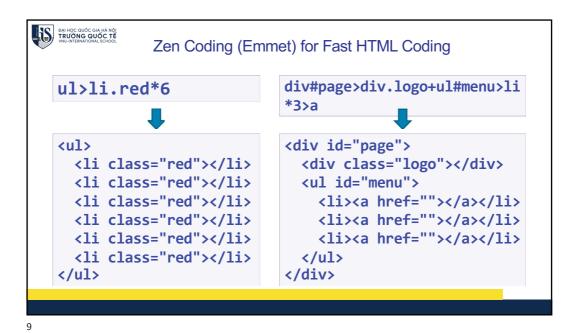
Document content goes here...

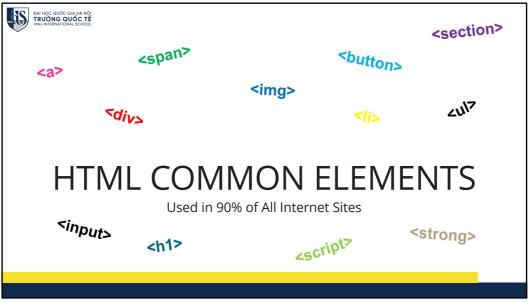


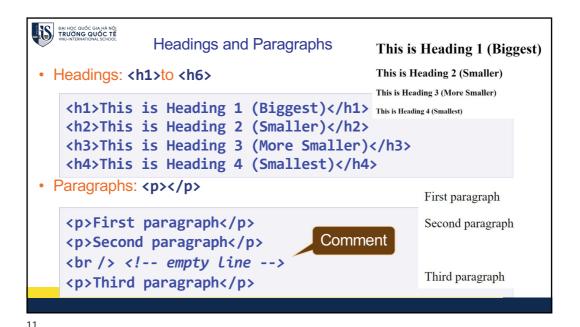




ĐẠI HỌC QUỐC GIA HÀ NỘI TRƯỜNG QUỐC TẾ VNU-INTERNATIONAL SCHOOL Developer Tools: [F12] in the Browser \leftarrow \rightarrow \mathcal{C} Q index.html Hello HTML! <!DOCTYPE html> <html> ► <head>...</head>
▼<body>
<h1>Hello HTML!</h1> HTML desertors 27.55 x 17.6 ted text using tags. Visit the SoftUni HTML course to learn more. //p>
html body p strong Styles Event Listeners DOM Breakpoints Properties :hov .cls + element.style { strong, b { user agent stylesheet
 font-weight: bold;







Hyperlinks

• External hyperlink

specify the URL

Google
• Local hyperlink

• Local hyperlink

• Local hyperlink

See the exercises

• Relative hyperlink

exercises

• Relative hyperlink

presentation



Images

• Images are external files, inserted through the tag

```
<img
src="images/logo.png"
width="400"
height="313" />
```

• Embedded image (Data URI)

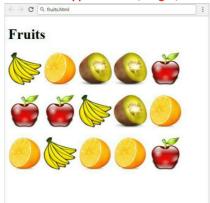
13

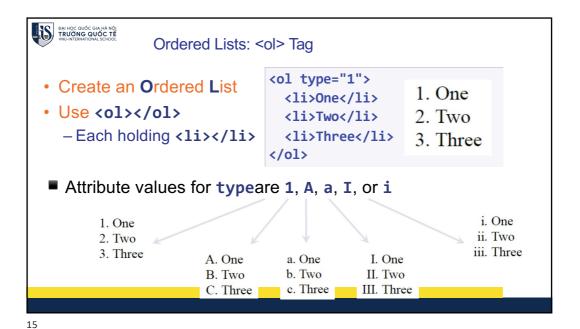


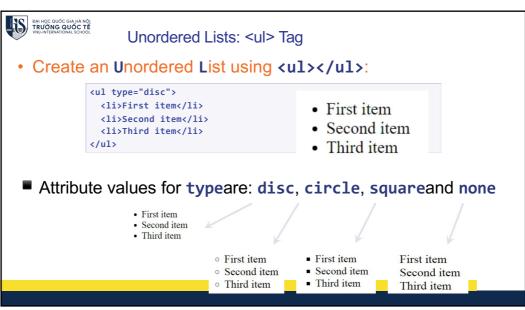
Problem: Fruits

- You are given 4 image files:
 - -apple.png, banana.png, kiwi.png, orange.png
- Create a Web page like the screenshot on the right
 - Hints: use 3 paragraphs, each holding 5 images

For today's tasks, you should create a new folder named LAB1 in your GitHub with HTML and supported files (images)













Hints: Wiki Page

• File name: wiki-page.html

• Title: The Brown Bear

- Use <h1>

• Hyperlink: https://en.wikipedia.org/wiki/Brown_bear

• List: use ordered list and unordered list

• Text: use paragraph

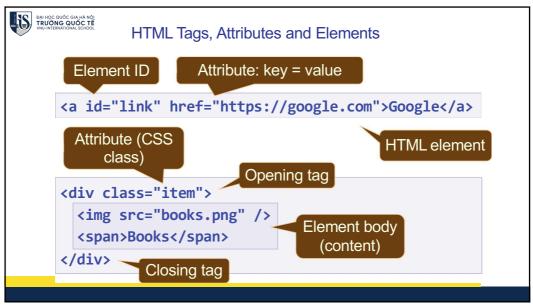
- Image: use the file bear.jpg

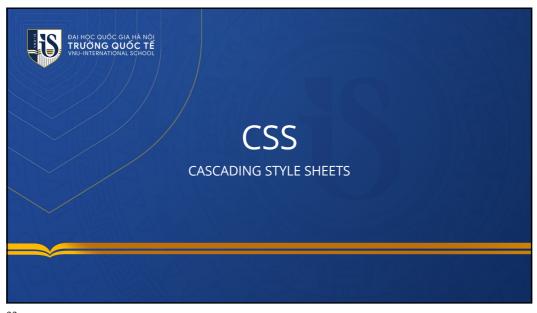
19

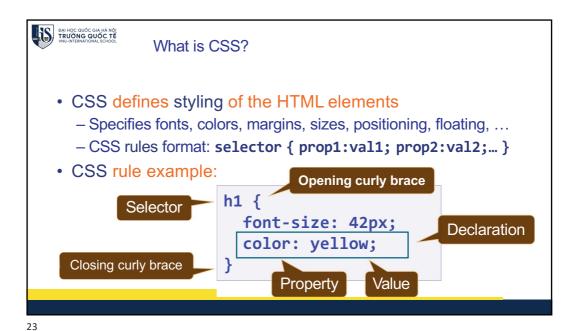


HTML TERMINOLOGY

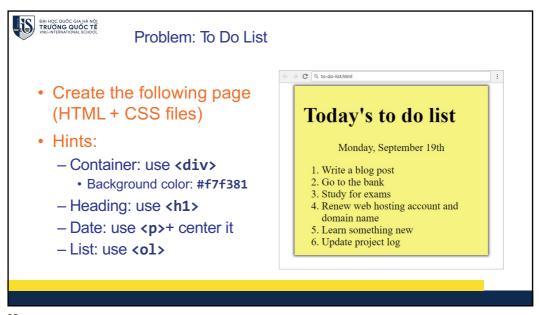
Tags, Attributes and Elements





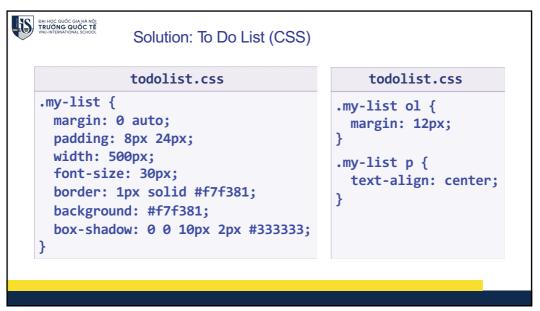


PRINCE COURT OF THE PRINCE OF using-css.html styles.css <!DOCTYPE html> .special { font-style: italic; <html> font-weight: bold; <head> <link rel="stylesheet" type="text</pre> color: blue; href="styles.css"> </head> .modern { <body class="modern"> background: #EEE; This is a special beer for special drinkers. </body> font-size: 24pt; </html> This is a *special beer* for special drinkers.



ĐẠI HỌC QUỐC GIA HÀ NỘI TRƯỜNG QUỐC TẾ VNI-INTERNATIONAL SCHOOL Solution: To Do List (HTML) todolist.css <!DOCTYPE html> <html> <head><!-- TODO: Link the CSS here --></head> <body> <div class="my-list"> Today's to do list <h1>Today's to do list</h1> Monday, September 19th TODO: Put day-info here Write a blog post
 Go to the bank TODO: Put list-item here Study for exams
 Renew web hosting account and domain name </div> </body> 5. Learn something new 6. Update project log </html>

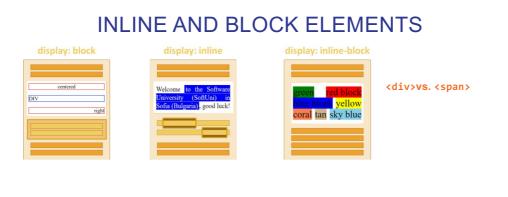
25

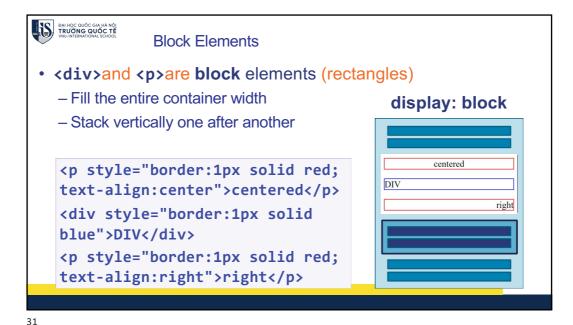






BAI HOC QUÓC GIA, HA NÓ!
TRUÓNG QUÓC TÉ
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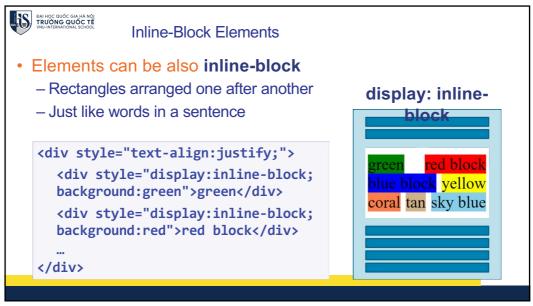
Inline Elements

• is inline element

Its shape is not always rectangular

Can be split across multiple lines

Welcome <span style="color:white;
background:blue; padding-right:3px;
padding-left:3px;">to the
University of Greenwich ,
good luck!



MORE HTML PROBLEMS

(**)

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TONG PROBLEMS

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Problem: HTML Lists

 Create a HTML page, holding nested lists, like at the example

- Hints:
 - Use and for
 List Item 1, List item 2 and List Item 3
 - Use , , and for the
 nested lists

I. List item 1
a. Nested item 1.1
b. Nested item 1.2
II. List item 2
1. Nested item 2.1
2. Nested item 2.2

o Nested item 2.2.1
o Nested item 2.2.2
o Nested item 2.2.3
3. Nested item 2.3
III. List item 3
• Nested item 3.1
• Nested item 3.2
• Nested item 3.2
• Nested item 3.3

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```
DAI HọC QUỐC GIA HÀ NỘI
TRƯỜNG QUỐC TẾ
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                Solution: HTML Lists (2)
                          html-lists.html
    List item 2
                                              II. List item 2
                                                  1. Nested item 2.1
      type="1">
                                                  2. Nested item 2.2
        Nested item 2.1
                                                      o Nested item 2.2.1
        Nested item 2.2
                                                      o Nested item 2.2.2
                                                      o Nested item 2.2.3
           3. Nested item 2.3
             Nested item 2.2.1
             <!-- TODO: put the next items here-->
           Nested item 2.3
```



Summary

- HTML describe structured content (text, images, tables, figures, etc.)
- Commonly used HTML tags:
- <div>is block element
- is inline element
- CSS styles may be: external, inline, embedded