

Content

- 1. HTML Basic
- 2. Structured Document
- 3. DOM (Document Object Model)
- 4. Common HTML Elements



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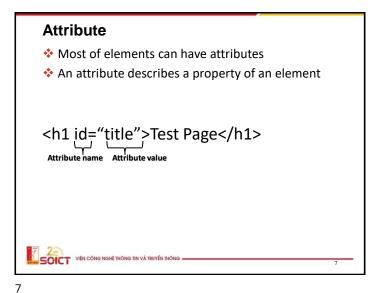
What is HTML? (review)

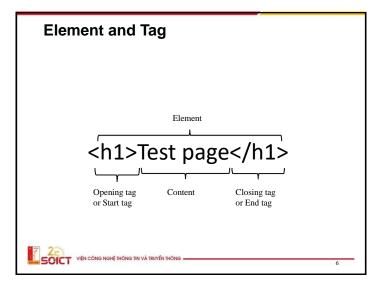
- Hypertext Markup Language
- Markup Language for web pages
 - Markup Language
 - a set of annotations to text that describe how something is to be structured
 - Hypertext
 - text with references (hyperlinks) to other text that the reader can immediately access, usually by a mouse click or key press sequence

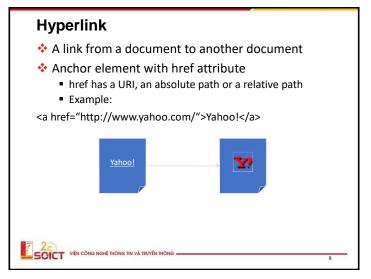


HTML Example <html> <head> <title>Test Page</title> </head> <body> <h1>Test Page</h1> This is a test page. </body> </html> SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THỐNG

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Images

- Insert image
 -
 -
 - E.g.
- Add a border to the image
 - set attribute as , where n means the thickness of the border in pixels





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Images (2)

- Change the size of the images
 - , where x, y is in pixel
 - E.g. My awards here
- show the words over the image
 -



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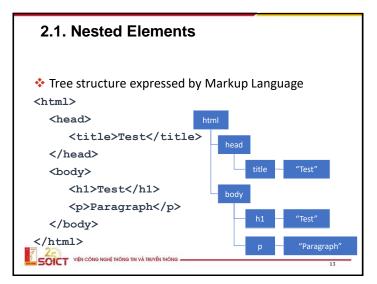
2. Structured Document

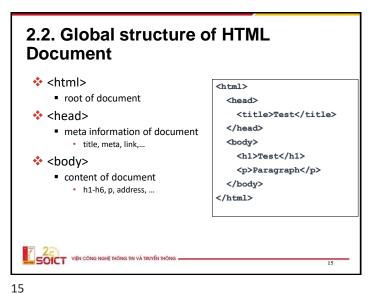
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- Most of Documents have a structure
 - Article
 - · Title, Part, Chapter, Section, Paragraph, ...
 - CV
 - Name, Education, Work Experiences, Skills, ...
- Markup Language is a way to express structured document
 - Nested Elements

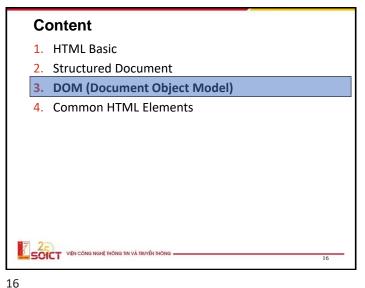


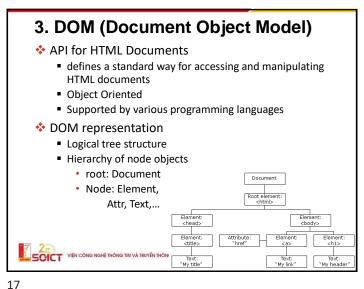
12

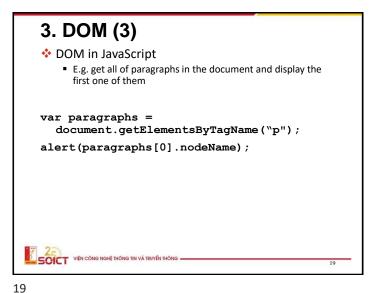


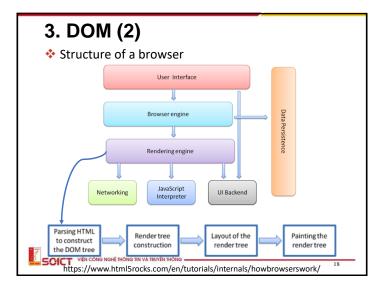


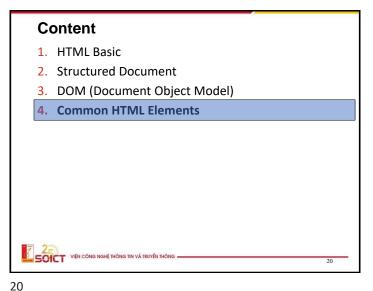
2.1. Nested Elements (2) Rule of Nested Elements Opening tags must be matched to closing tags ■ The latest opening tag must be closed before other opening tag Correct example <head><title>Title</title></head> Incorrect example <head><title>Title</head></title> SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG

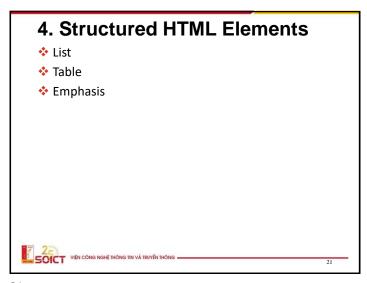


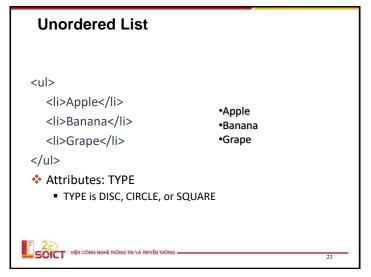












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```
<UL TYPE="DISC">
  <LI>The UL tag
                           UL: Custom Bullets
     <UL TYPE="CIRCLE">
        <LI>TYPE
          <UL TYPE="SQUARE">
             <LI>DISC
             <LI>CIRCLE
                                      Unordered Lists
             <LI>SQUARE
                                         • The UL tag
          </UL>
                                              O TYPE
        <LI>COMPACT
                                                   □ DISC
     </UL>
                                                   □ CIRCLE
 <LI>The LI tag
                                                   □ SQUARE
                                              O COMPACT
     <UL TYPE="CIRCLE">
                                         • The LI tag
         <LI>TYPE
                                              O TYPE
            <UL TYPE="SQUARE">
                                                   □ DISC
               <LI>DISC
                                                   □ CIRCLE
                                                   □ SQUARE
               <LI>CIRCLE
               <LI>SQUARE
            </UL>
         <LI>VALUE
     </UL>
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                                                                 24
```

| Col> | <|i>One</|i>| 1. One | 2. Two | 3. Three | <|i>Three</|i>| 3. Three | <|o|> | Attributes: TYPE, START | TYPE: 1, a, A, i, I | START=1 or 2 ... a or b ... | Col> | Col>

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```
Definition List
<dl>
   <dt>Apple</dt>
                                   Apple
                                     A fruit or a computer company
   <dd>A fruit or a
       computer
                                     A juicy purple- or green-skinned
      company</dd>
   <dt>Grape</dt>
   <dd>A juicy
                     purple-
   or green-skinned
      fruit</dd>
</dl>
 SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG -
```

```
<OL TYPE="I">
     <LI>Headings
                                  Nested Ordered Lists
     <LI>Basic Text Sections
      <LI>Lists
          <OL TYPE="A">
             <T.T>Ordered
                 <OL TYPE="1">
                                             I. Headings
II. Basic Text Sections
                   <LI>The OL tag
                     <OL TYPE="a">
                        <LI>TYPE
                                             III. Lists
                         <LI>START
                                                   A. Ordered
                        <LI>COMPACT
                                                         1. The OL tag
                      </OL>
                                                               a. TYPE
                  <LI>The LI tag
               </OL>
                                                               b. START
            <LI>Unordered
                                                               c. COMPACT
               <OL TYPE="1">
                                                         2. The LI tag
                  <LI>The UL tag
                                                   B. Unordered
                  <LI>The LI tag
                                                         1. The UL tag
               </OL>
                                                         2. The LI tag
                  <LI>Definition
                                                   C. Definition
                      <OL TYPE="1">
                        <LI>The DL tag
                                                         1. The DL tag
                        <LI>The DT tag
                                                         2. The DT tag
                         <LI>The DD tag
                                                         3. The DD tag
                                             IV. Miscellaneous
         </OL>
     <LI>Miscellaneous
SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG -
```

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```
4.2. Table
<caption>Users</caption>
  Users
     Name
                            Name
                                    Email
     Email
                            John Smith smith@example.org
  Amy Wine amy@yahoo.com
     John Smith
     smith@example.org
  Amy Wine
     amy@yahoo.com
  SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG -
```

4.2. Table (2)

- Adding a border
- Changing the border color

 - bordercolordark=red>
- Setting the width of a cell or table

 - data </
 - data



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4.2. Table (3)

Controlling space in and around cells

 Cellpadding=m, where m is the number of pixels desired between the contents and the walls of the cell



 Cellspacing=n, where n is the number of pixels desired between each cell



Wpeaches peaches
OCELLPADDING

peaches peaches

peaches peaches

peaches peaches

peaches peaches

peaches cherries
CELLSPACING
walnuts almonds

data 11 data 12 Data 21 Data 22

cherries cherries

cherries cherries

cherries cherries

4.2. Table (3)

- Centering a table on a page
- Aligning a cell's contents:
 - ;
 - · d1: left, right or center
 - d2: top, bottom, middle or baseline



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4.2. Table (4)

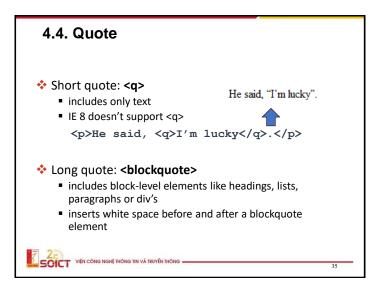
Spanning a cell across columns --

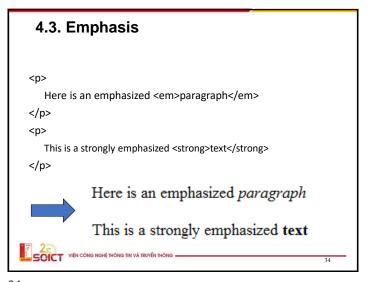
```
 <!-- first row -->
    data 11   data 12
   data 12
                  data 11
   <!-- second row -->
    Data 21 
                  Data 21
                       Data 22
    Data 22 
                  Data 3 – last row???
   <!-- third row -->
    Data 3 - last row???
```

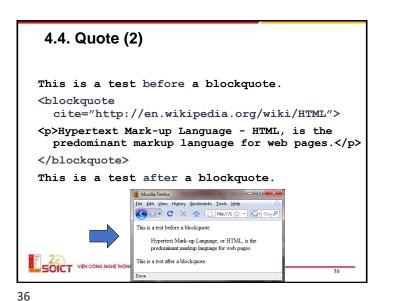
4.2. Table (5) Spanning a cell across rows -- <!-- first row --> data 11 data 12 <!-- second row --> Row 23 Data 21 <!-- third row --> Data 31 data 11 data 12 Data 21 Row 23 Data 31 SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG

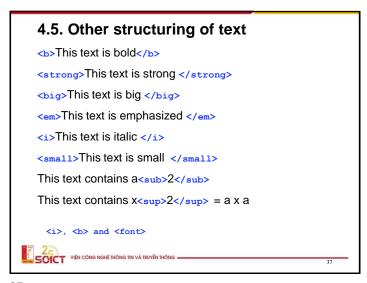
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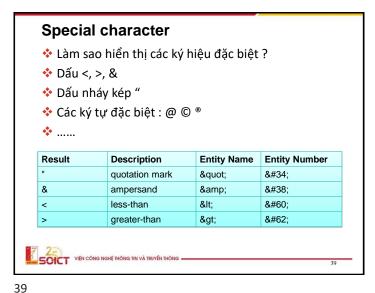
35



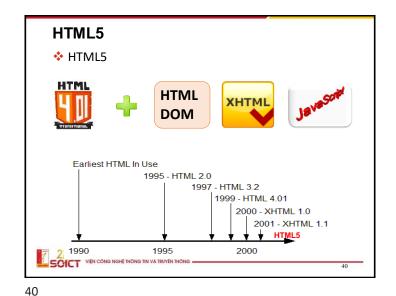


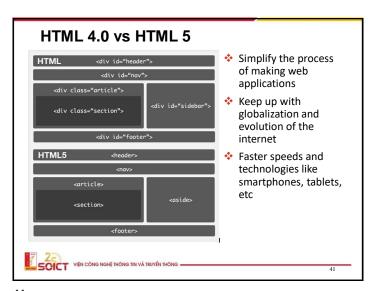


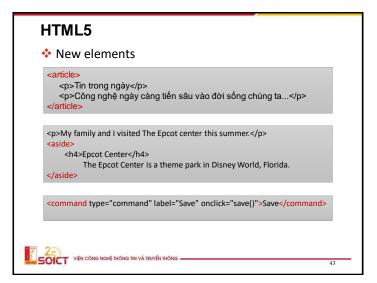


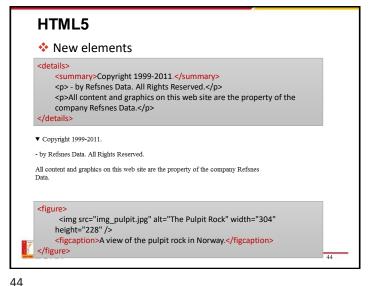


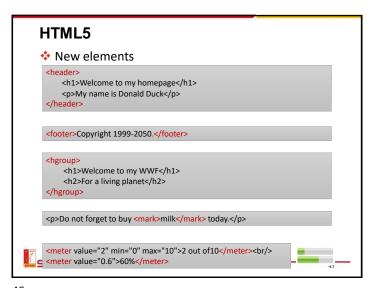
4.5. Other structuring of text abbr dfn code accronym pre samp kbd ins var del cite sub 💠 br sup 💠 SOICT VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG

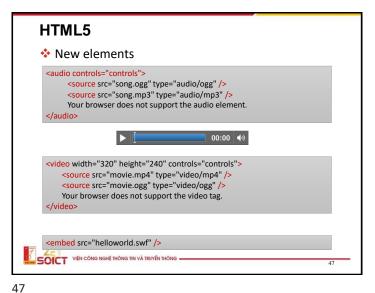








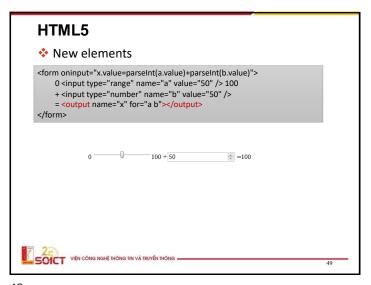


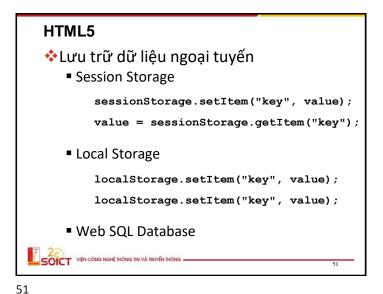


HTML5 New elements HTML5 | CSS3 | JavaScript </nav> Downloading progress: cprogress value="22" max="100"> Downloading progress: <ruby> ʹ漢 漢 <rt> 厂马` </rt> </ruby> To learn AJAX, you must be familiar with the XML<wbr>Http<wbr>Request

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```
HTML5
New elements
<form action="demo form.asp" method="get">
     <input list="browsers" name="browser" />
     <datalist id="browsers">
      <option value="Internet Explorer">
      <option value="Firefox">
      <option value="Google Chrome">
      <option value="Opera">
     <option value="Safari">
     </datalist>
     <input type="submit" />
</form>
<form action="demo_keygen.asp" method="get">
    Username: <input type="text" name="usr name" />
    Encryption: <keygen name="security" />
     <input type="submit" />
</form>
  25 Username:
                              Encryption: 2048 (Cấp độ cao) 🕝 Gửi
                                       2048 (Cấp độ cao)
```





HTML5 - New attributes Thuôc tính ContentEditable: Nếu thẻ nào được gán thuộc tính này thì người dùng có thể trực tiếp sửa đổi nội dung trong thẻ đó. ■ Ví dụ: <div contenteditable="true"> Thuộc tính Draggable: Hỗ trơ kéo thả. ■ Để xử lí các sự kiện kéo thả, ta cần đến sự trợ giúp của các API được xây dựng sẵn trong HTML. Thuộc tính SpellCheck: Hỗ trơ kiểm tra chính tả. ■ Được dùng với thẻ input, textarea Enter your text here: Enter your text here: Grop I 5 <input type="text" spellcheck="true" /> Send
 SOICT Singut stypes "submit "ovalue="Send" /

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