

Outline


UNIVERSITI  
TEKNOLOGI  
NUSANTARA

# Chapter 2

## HTML

### (Hypertext Markup Language)

#### Part II



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Topics

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- Internal Linking
- Creating and Using Image Maps
- Meta Elements
- Form (will be learnt together with PHP topic)

Chap 2: Web Programming (CCSB144) - HTML

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Internal Linking

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- Enables the user to jump between locations in the same document

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```

1 <?xml version = "1.0" ?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3   "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
4
5 <!-- Fig. 5.6: Links.html -->
6 <!-- Internal Linking -->
7
8 <html xmlns = "http://www.w3.org/1999/xhtml">
9 <head>
10   <title>Internet and WWW How to Program - List</title>
11 </head>
12
13 <body>
14
15   <!-- id attribute creates an internal hyperlink destination -->
16   <h1 id = "features">The Best Features of the Internet</h1>
17
18   <!-- an internal link's address is "id" -->
19   <p><a href = "#bugs">Go to <b>Favorite Bugs</b></a></p>
20
21   <ul>
22     <li>You can meet people from countries
23       around the world.</li>
24
25     <li>You have access to new media as it becomes public:

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```

26   <ul>
27     <li>New games</li>
28     <li>New applications
29     <ul>
30       <li>For Business</li>
31       <li>For Pleasure</li>
32     </ul>
33   </li>
34
35   <li>Around the clock news</li>
36   <li>Search Engines</li>
37   <li>Shopping</li>
38   <li>Programming
39   <ul>
40     <li>XML</li>
41     <li>Java</li>
42     <li>Dynamic HTML</li>
43     <li>Scripts</li>
44     <li>New Languages</li>
45   </ul>
46   </li>
47 </ul>
48 </li>
49
50 </li>Links</li>

```

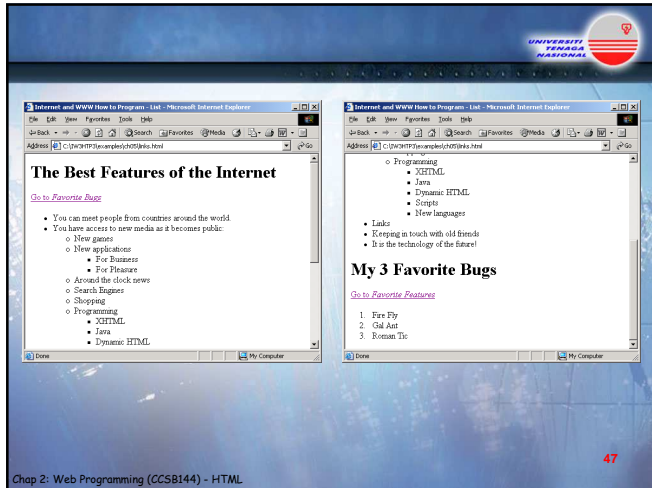
45

```

51   <li>Keeping in touch with old friends</li>
52   <li>It is the technology of the future!</li>
53 </ul>
54
55 <!-- id attribute creates an internal hyperlink destination -->
56 <h1 id = "bugs">My 3 Favorite Bugs</h1>
57
58 <p>
59
60   <!-- internal hyperlink to features -->
61   <a href = "#features">Go to <b>Favorite Features</b></a>
62 </p>
63
64 <ol>
65   <li>Fire Fly</li>
66   <li>Gal Ant</li>
67   <li>Roman Tic</li>
68 </ol>
69
70 </body>
71 </html>

```

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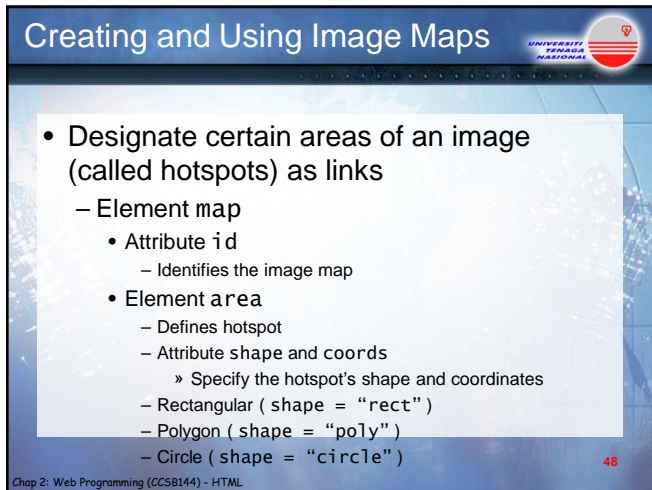
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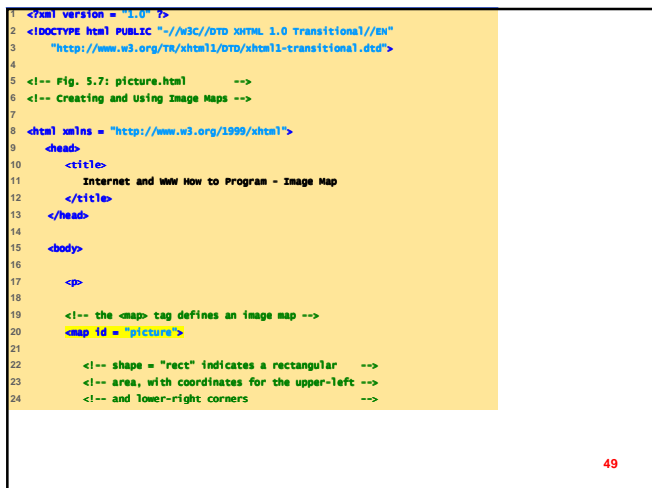
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```
25 <area href = "form.html" shape = "rect"
26     coords = "2,123,54,141"
27     alt = "Go to the feedback form" />
28 <area href = "contact.html" shape = "rect"
29     coords = "126,122,198,143"
30     alt = "Go to the contact page" />
31 <area href = "main.html" shape = "rect"
32     coords = "3,7,61,25" alt = "Go to the homepage" />
33 <area href = "links.html" shape = "rect"
34     coords = "168,5,197,25"
35     alt = "Go to the links page" />
36
37 <!-- value "poly" creates a hotspot in the shape -->
38 <!-- of a polygon, defined by coords -->
39 <area shape = "poly" alt = "e-mail the Deitel's"
40     coords = "187,25,154,39,138,34,109,31,187,39,181,26"
41     href = "mailto:deitel@deitel.com" />
42
43 <!-- shape = "circle" indicates a circular -->
44 <!-- area with the given center and radius -->
45 <area href = "mailto:deitel@deitel.com"
46     shape = "circle" coords = "100,36,31"
47     alt = "e-mail the Deitel's" />
48 </map>
49
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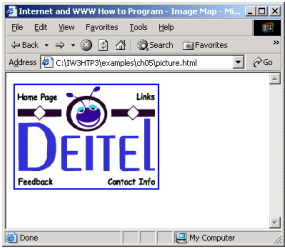
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```
50 <!-- <img src = ... usemap = "#id"> indicates that the -->
51 <!-- specified image map is used with this image -->
52 <img src = "deitel.gif" width = "200" height = "144"
53     alt = "Deitel logo" usemap = "#picture" />
54 </p>
55 </body>
56 </html>
```

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## meta Elements

- Specify information about a document
  - Attribute name
    - Identifies the type of meta element
    - “keywords” ( name = “keywords” )
      - Provides search engines with a list of words that describe a page
    - “description” ( name = “description” )
      - Provides a description of a site
  - Attribute content
    - Provides the information search engine use to catalog pages

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```

1 <?xml version = "1.0" ?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3 "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
4
5 <!-- Fig. 5.8: main.html -->
6 <!-- <meta> tag -->
7
8 <html xmlns = "http://www.w3.org/1999/xhtml">
9 <head>
10 <title>Internet and WWW How to Program - Welcome</title>
11
12 <!-- <meta> tags provide search engines with -->
13 <!-- information used to catalog a site -->
14 <meta name = "keywords" content = "web page, design,
15 xhtml, tutorial, personal, help, index, form,
16 contact, feedback, list, links, frame, detail" />
17
18 <meta name = "description" content = "this web site will
19 help you learn the basics of xhtml and web page design
20 through the use of interactive examples and
21 instruction." />
22
23 </head>
24

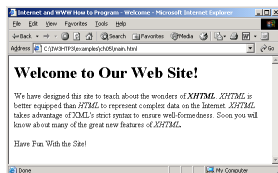
```

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```

25 <body>
26
27 <h1>welcome to Our web Site!</h1>
28
29 <p>We have designed this site to teach about the wonders
30 of <strong><em>XHTML</em></strong>. <em>XHTML</em> is
31 better equipped than <em>HTML</em> to represent complex
32 data on the Internet. <em>XHTML</em> takes advantage of
33 XML's strict syntax to ensure well-formedness. Soon you
34 will know about many of the great new features of
35 <em>XHTML</em>.</p>
36
37 <p>Have Fun with the Site!</p>
38
39 </body>
40 </html>

```



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## The Meta Refresh

- If your page has moved, or you have a need to redirect your visitors automatically, you can use a meta refresh to send them the page of your choice.

```

<meta http-equiv="refresh"
content="5;URL=http://www.yahoo.com">

```

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