

# WEB1100: Lecture 6 Web Development & HCI

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# Agenda for today

- Lists
- Links
- Text formatting
- A full-length practicing example



Thursday, September 23, 2021

### Organizing information with Lists

### Four types of Lists:

- Ordered Lists: numbered
- Unordered Lists: bulleted
- Definition Lists: glossary generation
- Nested Lists: lists within a list

### Ordered Lists (ol)

### Concerns:

- tags: <0|><|i>....</|i>
- •resulted with subsequent numbers & indentions
- suitable for sequencing



### **Unordered Lists (ul)**

### Concerns:

- tags: ..../li>
- •resulted with the same bullet marker
- suitable for most of listing purposes



### Difinition Lists (dl)

#### Concerns:

- each item has two parts: a term (dt) & it's definition (dd)
- tags: <dl><dt></dd></dd><....</dl>
- resulted with the glossary type entries
- suitable for presenting single terms and their definitions

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### **Nested Lists**

### Concerns:

- putting a list inside another list
- tags:

```
<|i><|i><|i></|i></|i></|i>
```

applies to both ordered
& unordered list

```
<h1>Peppers</h1>
 <l
    Bell
    Chile
    <1i>>
      <l
        Serrano
        Jalapeno
        Habanero
        Anaheim
10
      12
13
    Szechuan
14
    Cayenne
15
```



# **Working with Links**

- •Two main requirements:
  - •the file name or the URL
  - •clickable text

#### Absolute pathnames:

http://www.murach.com/index.html

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#### Relative pathnames:

login.html

- •only included text within the link is visible
- •when clicked, the associated URL is loaded
- •Two types of URLs:
  - •Absolute URL: refer to a file in another website
  - •Relative URL: refer to a file within the same website



### Links

### Concerns:

- tags: <a> linking text </a>
- most common attribute is the *href*
- href holds the specific file name or URL
- can include other attributes upon necessity
- can also link to specific places within the document

#### A link to a web page in the same folder

```
Go view our <a href="products.html">product list</a>.
```

#### A link to a web page at another website

```
To learn more about JavaScript, visit the
<a href="http://www.javascript.com/">official JavaScript website</a>.
```



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# **Text fomatting**

- •Some necessary HTML tags:
  - •<em>: emphasizes text in italics
  - •<strong>: highly emphasizes text in boldface
  - •<b>, <i>, <u>: bold, italics, underlined
  - •<br/>br>: line breaks
  - •<address>...</address>: supply authoring information
  - •<blockquote>...</ blockquote >: presents quotation
  - •<cite>....</cite>: citing the quoted work

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### Image inclusion

#### Concerns:

- tags: <img src="" alt="" height="" width="">
- src: specifies image's URL
- alt: specifies image's alternate texts
- height: specifies image's heigth in pixel
- width: specifies image's width in pixel
- preferred format: JPEG, GIF and PNG



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### Metadata

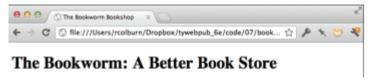
### Concerns:

- tags: <meta>
- data about data
- included in the head section
- meta elements: charset, description, keywords



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# A full-length example



"Old books are best--how tale and rhyme Float with us down the stream of time!" -- Clarence Urmy, Old Songs are Best

The Bookworm Bookshop 1345 Applewood Dr Springfield, CA 94325 (415) 555-0034

#### Contents

- About the Bookworm Bookshop
- Recent Titles
- Upcoming Events

About the Bookworm Bookshop

Recent Titles (as of July 11, 2012)

**Upcoming Events** 



#### Contents

- About the Bookworm Bookshop
- Recent Titles
- Upcoming Events

#### About the Bookworm Bookshop

Since 1933, The Bookworm Bookshop has offered rare and hard-to-find titles for The Bookworm offers:

- · Friendly, knowledgeable, and courteous help
- Free coffee and juice for our customers
- · A well-lit reading room so you can "try before you buy"
- Four friendly cats: Esmerelda, Catherine, Dulcinea and Beatrice

Our hours are 10am to 9pm weekdays, noon to 7 on weekends.

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Recent Titles (as of July 11, 2012)

**Upcoming Events** 

#### About the Bookworm Bookshop

The Bookworm Bookshop X

Since 1933, The Bookworm Bookshop has offered rare and hard-to-find titles for the discerning reader. The Bookworm offers:

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- · Friendly, knowledgeable, and courteous help
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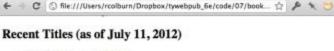
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#### Recent Titles (as of July 11, 2012)

- · Sandra Beilweather, Belladonna
- · Johnathan Tin, 20-Minute Meals for One
- · Maxwell Burgess, Legion of Thunder
- Alison Caine, Banquo's Ghost

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**Upcoming Events** 



· Sandra Bellweather, Belladonna

1 The Bookworm Bookshop

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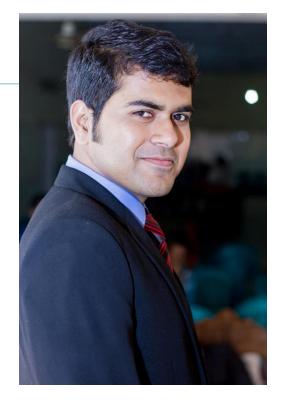
#### Upcoming Events

- The Wednesday Evening Book Review meets, appropriately, on Wednesday evenings at 7 pm for coffee and a round-table discussion. Call the Bookworm for information on joining the group.
- The Children's Hour happens every Saturday at 1 pm and includes reading, games, and other activities. Cookies and milk are served.
- Carole Fenney will be at the Bookworm on Sunday, January 19, to read from her book of poems Spiders in the Web.
- The Bookworm will be closed March 1st to remove a family of bats that has nested in the tower.
   We like the company, but not the mess they leave behind!

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# Thank You!



Think Green, Grow Green, Live Green