

WEB1100: Lecture 10

Web Development & HCI

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Associate Professor



Agenda for today

- Images
- Tables


The diagram illustrates the components of a table. The table is titled "Total Sales by Book". The header row contains three cells: "Book", "Year Published", and "Sales". The body of the table contains four rows of data. The footer row contains two cells: "Total Sales" and "\$2,154,786". Labels with arrows point to various parts of the table: "Caption" points to the title; "Header" points to the first row; "Body" points to the data rows; "Footer" points to the last row; "Table header cells" points to the cells in the header row; "Table data cells" points to the cells in the body rows; and "Table rows" points to the entire table structure.

• Book	Year Published	Sales
PHP and MySQL	2014	\$372,381
JavaScript and jQuery	2015	\$305,447
Java Programming	2011	\$392,444
Java Servlets and JSP	2014	\$328,992
• Total Sales		• \$2,154,786

Images

Welcome to the Halloween H

file:///Users/rcolburn/Dropbox/tywebpub_6e/examples...



Welcome to The Halloween House of Terror


Voted the most frightening haunted house three years in a row, the **Halloween House of Terror** provides the ultimate in Halloween thrills. Over **20 rooms of thrills and excitement** to make your blood run cold and your hair stand on end!


The Halloween House of Terror is open from *October 20 to November 1st*, with a gala celebration on Halloween night. Our hours are:


- Mon-Fri 5PM-midnight
- Sat & Sun 5PM-3AM
- **Halloween Night (31-Oct): 3PM-???**


Inline Images

file:///Users/rcolburn/Dropbox/tywebpub_6e/e...

Love, from whom the world  begun,

Hath the secret of the sun. 

Love can tell, and love alone, Whence the million stars  were strewn

Why each atom  knows its own.

--Robert Bridges

Floating images

Text Alignment	Line Breaks and CLEAR
 <h2 data-bbox="242 528 1146 599">Mystery Tulip Murderer Strikes</h2> <p data-bbox="242 642 1179 756">Someone, or something, is killing the tulips of New South Haverford, Virginia. Residents of this small town are shocked and dismayed by the senseless vandalism that has struck their tiny town.</p> <p data-bbox="242 785 1179 928">New South Haverford is known for its extravagant displays of tulips in the springtime, and a good portion of its tourist trade relies on the people who come from as far as New Hampshire to see what has been estimated as up to two hundred thousand tulips that bloom in April and May.</p> <p data-bbox="12 956 1179 1042">Or at least the tourists had been flocking to New South Haverford until last week, when over the course of three days the flower of each and every tulip in the town was neatly clipped off while they were in bloom.</p> <p data-bbox="12 1071 1179 1180">"It started at the south end of town," said Augustin Frouf, a retired ladder-maker who has planted over five hundred pink lily-flowered tulips. "They hit the houses up on Elm Street, and then they came down into town from there. After the second night, we tried keeping guard. We tried bright</p>	 <h2 data-bbox="1426 499 2331 571">Mystery Tulip Murderer Strikes</h2> <p data-bbox="1197 885 2540 971">Someone, or something, is killing the tulips of New South Haverford, Virginia. Residents of this small town are shocked and dismayed by the senseless vandalism that has struck their tiny town.</p> <p data-bbox="1197 999 2540 1113">New South Haverford is known for its extravagant displays of tulips in the springtime, and a good portion of its tourist trade relies on the people who come from as far as New Hampshire to see what has been estimated as up to two hundred thousand tulips that bloom in April and May.</p> <p data-bbox="1197 1142 2540 1180">Or at least the tourists had been flocking to New South Haverford until last week, when over the course</p>

Images and Links

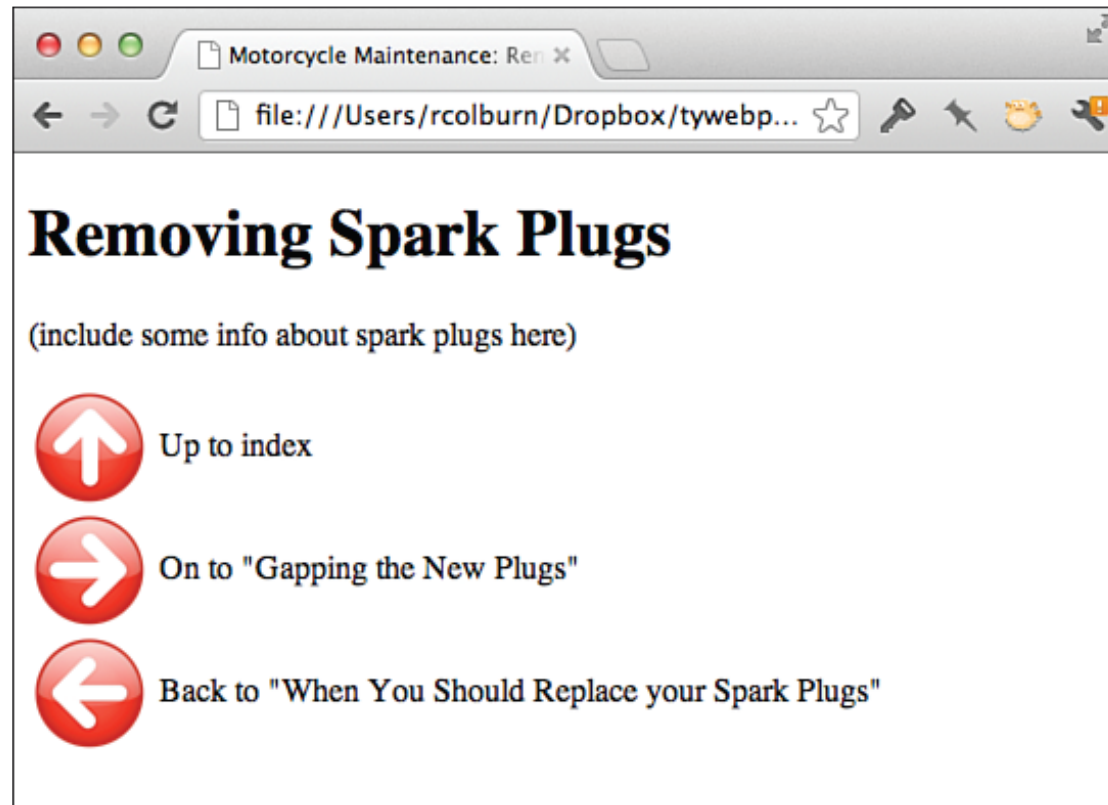
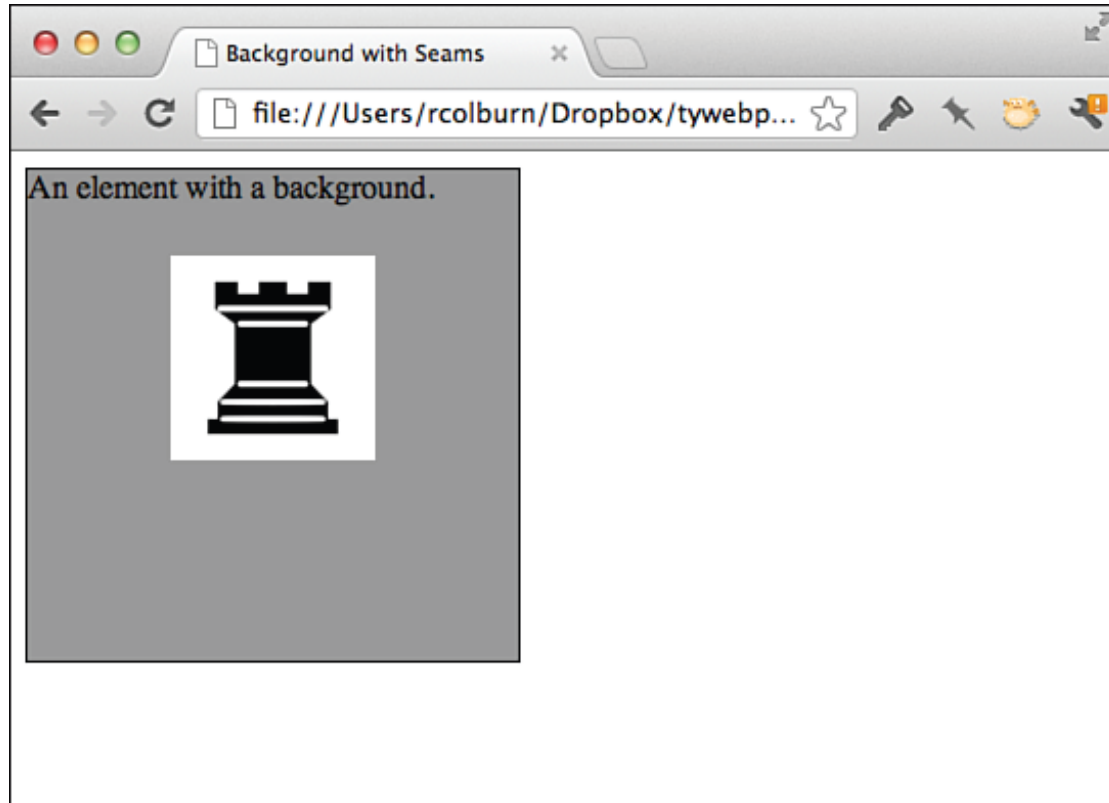


Image backgrounds



```
<div style="background-image: url('black_rook.png');  
    height: 240px; width: 240px; border: 1px solid black;  
    background-color: #999; background-repeat: no-repeat;  
    background-position: center 30%;">  
    An element with a background.  
</div>
```

Thumbnails

Thumbnails in a web page

Ram Tap Combined Test

James Alliston riding Tivoli over



Ram Tap Combined Test



Image rollover

Ram Tap Combined Test

James Alliston riding Tivoli over a Swedish oxer

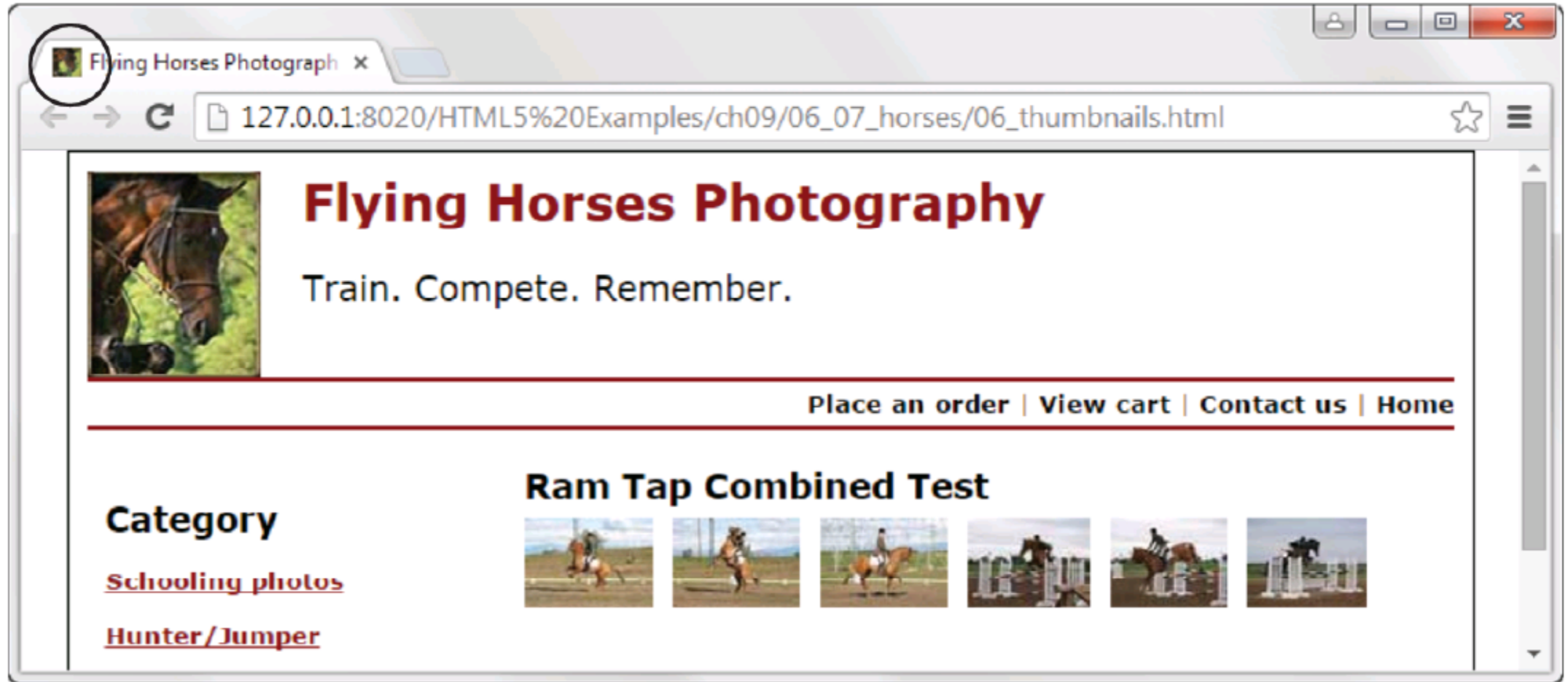


Ram Tap Combined Test



Icon

A web page with a favicon (circled)



```
<link rel="shortcut icon" href="images/favicon.ico">
```

Web Tables

Merging multiple rows and columns:

Service Data				
Drive Belt Deflection				
		Used Belt Deflection		Set deflection of new belt
		Limit	Adjust Deflection	
Alternator	Models without AC	10mm	5-7mm	5-7mm
	Models with AC	12mm	6-8mm	
Power Steering Oil Pump		12.5mm	7.9mm	6-8mm

Exercise

The HTML in a web browser

Teach your students using the books the professionals use

Although our books are written for professional programmers who need to master new job skills, there have always been instructors teaching job-oriented curricula who've adopted our books. For example, our books are used:



- in college and university MIS programs that focus on providing students with practical, real-world experience
- by technical institutes and community colleges that focus on the skills that employers are looking for
- in Continuing Ed and Extension programs where the students are professionals who are expanding their skills

So if your program fits one of those profiles, please take a look at our books. I'm confident you'll discover a new level of structure, clarity, and relevance that will benefit both you and your students.

Exercise

To get an idea on our popularity, please check our yearly sales in different regions in the following table:

Book	Sales			
	North	South	West	Total
PHP and MySQL	\$55,174	\$73,566	\$177,784	\$306,524
JavaScript and jQuery	\$28,775	\$24,349	\$168,228	\$221,352
Java Programming	\$27,688	\$39,995	\$239,968	\$307,651
Java Servlets and JSP	\$23,082	\$24,858	\$129,619	\$177,559
Sales Totals	\$140,775	\$165,550	\$762,794	\$1,069,119


Exercise

Teaching and Learning

File | C:/Professional/USN/Teaching/2021/WEB1100/Lectu...

Teach your students using the books the professionals use

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Statement of Sales

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Thank You!

Think **Green**, Grow **Green**, Live **Green**