

Lecture # 10

Web Development

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CSS Links

Styling Links

- ▶ Links can be styled with any CSS property
 - ▶ Color
 - ▶ Font-family
 - ▶ Background
 - ▶ Borders etc

Links

- ▶ links can be styled differently depending on what state they are in.
- ▶ The four links states are:
 - ▶ a:link - a normal, unvisited link
 - ▶ a:visited - a link the user has visited
 - ▶ a:hover - a link when the user mouse over it
 - ▶ a:active - a link the moment it is clicked

Rule

- ▶ When setting the style for several link states, there are some order rules:
 - ▶ a:hover **MUST** come after a:link and a:visited
 - ▶ a:active **MUST** come after a:hover
 - ▶ A:link
 - ▶ A:visited
 - ▶ A:hover
 - ▶ A:active

Example HTML

```
a:link, a:visited {  
    background-color: white;  
    color: black;  
    border: 2px solid green;  
    padding: 10px 20px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
}
```

```
a:hover, a:active {  
    background-color: green;  
    color: white;  
}
```

```
<body>  
<a href="#" target="_blank">This is a  
link</a>  
</body>
```

Navigation Bar



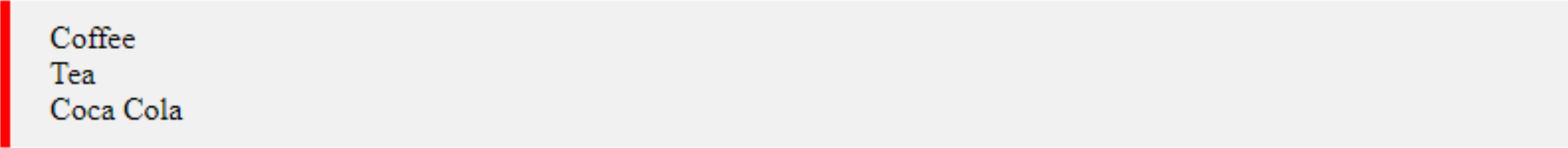
display: inline-block;

- ▶ You can create a grid of boxes that fills the browser width and wraps nicely.
- ▶ This has been possible for a long-time using float , but now with **inline-block** it's even easier.
- ▶ **inline-block** elements are like **inline** elements, but they can have a width and height.

CSS Lists

- ▶ In HTML, there are two main types of lists:
 - ▶ unordered lists () - the list items are marked with bullets
 - ▶ ordered lists () - the list items are marked with numbers or letters

List Example



Coffee
Tea
Coca Cola

CSS Tables

Horizontal Alignment

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Vertical Alignment (vertical-align top, bottom, middle)

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Horizontal Dividers (border-bottom)

First Name	Last Name	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

Hoverable Table

- ▶ Use the `:hover` selector on `<tr>` to highlight table rows on mouse over:

Striped Tables










































- ▶ For zebra-striped tables, use the `nth-child()` selector and add a background-color to all even (or odd) table rows:
- ▶ `tr:nth-child(even) {background-color: #f2f2f2;}`
- ▶ `tr:nth-child(odd) {background-color: #f2f2f2;}`
- ▶

Responsive Table

- ▶ A responsive table will display a horizontal scroll bar if the screen is too small to display the full content:
- ▶ Add table into a container (e.g. Div)
- ▶ Add Css property `overflow-x:auto`

Fancy Table Assignment

List of Users

Name 	Email	Nickname	Birthdate	Gender	
 Jon Hagenes MD	Jordane30@example.org	QUO	27/01/2004	 Male	  
Aletha Smitham	Monica57@example.org	AUTEM	4/11/2006	 Male	  
Alivia Effertz	Jenifer.Kirlin@example.com	SOLUTA	28/11/1987	 Female	  
Ardella Kris	Marie72@example.com	VERO	26/10/1997	 Male	  
Beulah Schmeler	Mckenzie.Davis@example.com	EXCEPTURI	6/03/1994	 Male	  
Boris Nader PhD	Brendon.Heidenreich@example.net	UT	28/10/1990	 Male	  
Cletus Klocko DDS	Kendall18@example.net	ET	8/12/1987	 Male	  
Dr. Alf Hettinger	Henry07@example.net	EA	26/07/1999	 Male	  
Dr. Kaia Poulos Sr.	Altenwerth.Polly@example.net	VEL	30/10/2003	 Male	  
Dr. Misty Frami IV	Georgiana.Ferry@example.org	IPSUM	14/10/2004	 Male	  

Displaying 1 to 10 of 50 items

Fancy Table Assignment

Basic	Standard	Silver	Gold
\$9.99	\$19.99	\$39.99	\$59.99
1GB Storage	10GB Storage	25GB Storage	Unlimited Storage
5GB Bandwidth	50GB Bandwidth	100GB Bandwidth	Unlimited Bandwidth
2 Domains	10 Domains	25 Domains	Unlimited Domains
3 Databases	25 Databases	50 Databases	50 Databases
1 FTP Account	10 FTP Account	25 FTP Account	Unlimited FTP Accounts
25 Email Accounts	100 Email Accounts	500 Email Accounts	Unlimited Email Accounts
Buy Now	Buy Now	Buy Now	Buy Now

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