

## Basic HTML 2

Now that you know how to create HTML documents and test run on a browser, let's get started to work on chapter 2 and 3 of our textbook. Chapter 2 and 3 of textbook 'Internet & World Wide Web: How to Program', 5th ed., by P.J. Deitel, H.M. Deitel, and A. Deitel, isbn 9780132151016, Pearson Publishing

Before we get started let's check and download some of the stuff you might find useful. The following list some of the links

### Useful links and resources

HTML editor comparison for windows and Mac

<https://www.thoughtco.com/best-free-html-editors-for-windows-3471313>

<https://www.thoughtco.com/best-free-html-editors-for-mac-3469019>

Notepad++ download

<https://notepad-plus-plus.org/download/v7.5.1.html>

Aptana Studio download

<http://www.aptana.com/products/studio3/download.html>

HTML5 tutorials

<https://www.w3schools.com/html/>

Deitel book example file download

<http://www.deitel.com/Books/InternetWebScripting/InternetWorldWideWebHowtoProgram5e/tabid/3629/Default.aspx>

Book (for internet books, please verify if there is any copy right issues when use this link).

HTML book from TutorialsPoint [http://www.tutorialspoint.com/html/html\\_tutorial.pdf](http://www.tutorialspoint.com/html/html_tutorial.pdf)

### Steps to follow to finish this unit

Step 1: download an html editor of your choice. See the comparison links above

Step 2: study chapter 2 of textbook from Deitel, and quick reference to HTML5 tutorial from w3schools <https://www.w3schools.com/html/> when you need to reference to any tag quickly. You may want to reference to the pdf file from and pdf book html\_tutorial.pdf chapter 1 to chapter 14, and chapter 21 (form) which is from TutorialsPoint.com [http://www.tutorialspoint.com/html/html\\_tutorial.pdf](http://www.tutorialspoint.com/html/html_tutorial.pdf)

Step 3: test run all the chapter 2 example files from Deitel book

Step 4: read chapter 3 of textbook from Deitel, and quick reference to HTML5 tutorial from w3schools <https://www.w3schools.com/html/> when you need to reference to any tag quickly. You may want to reference to the pdf file from and pdf book html\_tutorial.pdf chapter 15 to 20, chapter 22 to chapter 24 and reference of tags and attributes on chapter 28 and 29 from TutorialsPoint.com [http://www.tutorialspoint.com/html/html\\_tutorial.pdf](http://www.tutorialspoint.com/html/html_tutorial.pdf) for further study.

Step 5: test run all the chapter 3 example files from Deitel book

**Self Test 1:**

Do the html labs provided and see if you can create these applications based on the specification given.

**Lab 1.1:** Construct a web page similar to the following. You can choose different images from a web site. Make sure the image sources are from web site(s).




**Lab 1.2:** Generate the following using table tag. Not gridlines

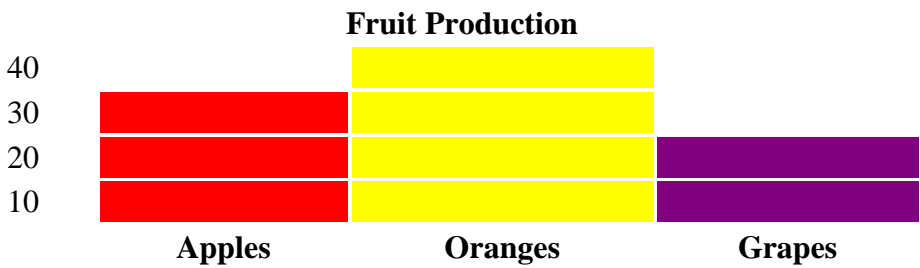
**Northern New Jersey Profit**

	April	May	June
Montclair	100	80	90
Clifton	79	80	100
Newark	100	95	91

**Lab 1.3:** Create a web page similar to the following using table, tr, td, colspan, rowspan etc.

Tree Characteristics					
		Tree			
		Pine	Maple	Oak	Fir
Characteristic	Average Height (feet)	55	50	50	65
	Average Width (inches)	18	26	24	28
	Typical Lifespan (years)	150	230	310	135
	Leaf Type	Long needles	Broadleaf	Split leaf	Short needles

**Lab 1.4:** Generate the following chart using table bgcolor attribute



Note the bgcolor of a cell is bgcolor= vlaue while the value can be green, yellow, blue and so on

**Lab 1.5:** Exercise of internal linking. Create a table with border size of 0 such as the following. Here we can use rowspan attribute of table data and internal linking.


The left side consists of seven internal links which will go to different section on the right side of the table. In this exercise, the right side consists of the description of various departments at MSU. You may choose any 7 different departments. For example, you may choose CS, Math, Biology, Chemistry, English, Economic and Finance, Environment study, etc. Each section consists of a link to allow you to go to the top of the left hand side so that you can choose different department after you view a department. The following is an example.

Seven

Departments of Computer Science Department

MSU

[Computer Science Department](#)  
[Biology Department](#)  
[Chemistry Department](#)  
[Earth and Environmental Study](#)  
[Mathematical Department](#)  
[Environmental Management](#)  
[PhD](#)  
[Mathematics Education](#)

The Department of Computer Science supports undergraduate and graduate computing degrees in computing in The Concentration in Professional Computing (CPC) within the B.S. in Computer Science is nationally accredit Technology (ABET). The M.S. in Computer Science includes a concentration in Informatics. We offer other students opportunities to enhance their education through an undergraduate minor in Computer Computing and a sequence of graduate level computing courses for those without a background in computing. January 2008 Assessment Plan

[Go to menu](#)

Biology Department

In reflection of the larger mission of Montclair State University and the College of Science and Mathematics, it critically examine information and discover new knowledge through rigorous scientific reasoning. Through resea the practical and intellectual skills to succeed in rewarding careers and become productive members of society. programs and concentrations at both the undergraduate and graduate levels. These programs are designed and in and students in the classroom, the research laboratory and in the field. As with the larger mission of the Univer activities and programs serving the best interests of the region.

[Go to menu](#)

Chemistry Department

The Department of Chemistry and Biochemistry is certified by the American Chemical Society Committee on Biochemistry. There are a number of Graduate Programs offered in the Department. There is a combined BS/M

## Lab 1.6: Exercise of Order list

Create an html document such as the following

### Aircraft Types

1. General Aviation (piston-driven engines)
  1. Single-Engine Aircraft
    1. Tail wheel
    2. Tricycle
  2. Dual-Engine Aircraft
    1. Wing-mounted engines
    2. Push-pull fuselage-mounted engines
2. Commercial Aviation (jet engines)
  1. Dual-Engine
    1. Wing-mounted engines
    2. Fuselage-mounted engines
  2. Tri-Engine
    1. Third engine in vertical stabilizer
    2. Third engine in fuselage



**Lab 1.7:** Create a web form which consists of the following components: Create labels for all web components so users know what to input..

First name: a text field

Last name: a text field

E-mail address: a text field

Phone number: text field

State: drop down list (at least ten states, default is NJ)

Age group: radio button group (younger than 20, 20-40, 41-60, 60 or older)

Membership: checkboxes (AAA, Costco, IEEE, ACM)

Comments: Text area

Submit button (Register)

Reset button : (Clear All)

First Name:   
Last Name:   
E-Mail Address:   
Phone Number:

Resident State:

Age Group:

- ☒ 0-20  
☐ 20-40  
☐ 41-60  
☐ Over 60

Membership:

☒ AAA ☐ Costco ☐ IEEE ☐ ACM

Comments:



## Self Test 2:


Here you will use HTML5 new features to create your web pages. Keep header and footer the same across the pages.

The first page will look like the following.

# Montclair Red Hawk Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#)

## Enjoy Nature in Luxury



Montclair Red Hawk Resort offers a special lodging experience on the New Jersey Shore. Relax in serenity with panoramic views of the Atlantic Ocean.

- Private yurts with decks overlooking the ocean
- Activities lodge with fireplace and gift shop
- Nightly fine dining at the Overlook Cafe
- Heated outdoor pool and whirlpool
- Guided hiking tours of the redwoods

Montclair Red Hawk Resort  
1 Atlantic Ave.  
Atlantic City, NJ 07777  
973-655-4166

Copyright © 2016 Montclair Red Hawk Resort  
[yourfirstname@yourlastname.com](mailto:yourfirstname@yourlastname.com)

The header must be the same  
Menu must be the same

Address must be the same

Put your school email

When Yurts clicked, the following page will show up.

# Montclair Red Hawk Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#)

## The Yurts at Montclair Trails

**What is a yurt?**  
Our luxury yurts are permanent structures four feet off the ground. Each yurt has canvas walls, a wooden floor, and a roof dome that can be opened.

**How are the yurts furnished?**  
Each yurt is furnished with a queen-size bed with down quilt and gas-fired stove. The luxury camping experience also includes electricity and a sink with hot and cold running water. Shower and restroom facilities are located in the lodge.

**What should I bring?**  
Bring a sense of adventure and some time to relax! Most guests also pack comfortable walking shoes and plan to dress for changing weather with layers of clothing.

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[yourfirstname@yourlastname.com](mailto:yourfirstname@yourlastname.com)

Must be the same

Put your school email






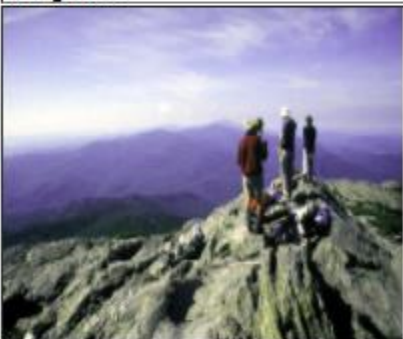
When Activities link clicked, a page like the following will show up. Organize four activities in a table form. You may decide activities of your choice. Some activities are free and some are not.

**Once again, the header and footer must the same as mentioned before!**

## Montclair Red Hawk Resort

[Home](#) [Yurts](#) [Activities](#) [Reservation](#)

### Activities at Montclair Trails

Pool - Free	Parasailing - \$100
	
Golf - \$20	Hiking - Free
	

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[yourfirstname@yourlastname.com](#)

When the reservation form clicked, the following will show. The first name will be automatically focused. The reservation form shall be organized (aligned similar to the following).

Once again, the header and footer shall remain the same as shown.

## Montclair Red Hawk Resort

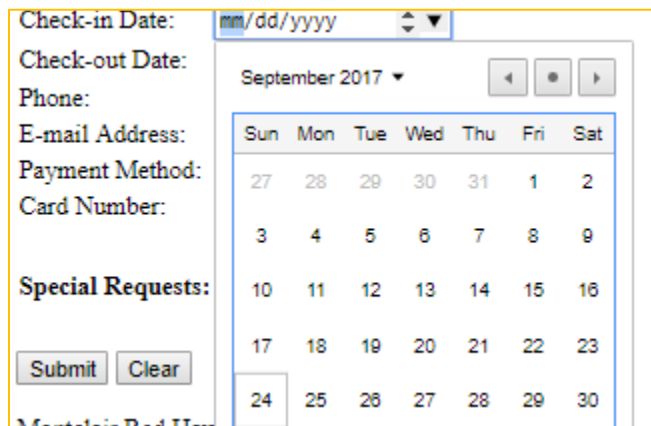
[Home](#) [Yurts](#) [Activities](#) [Reservation](#)

### Reservations Form

First Name:	<input type="text"/>
Last Name:	<input type="text"/>
<b>Address</b>	
Number & Street:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Check-in Date:	<input type="text" value="mm/dd/yyyy"/>
Check-out Date:	<input type="text" value="mm/dd/yyyy"/>
Phone:	<input type="text" value="(###) ###-####"/> (###) ###-####
E-mail Address:	<input type="text" value="name@domain.com"/>
Payment Method:	<input type="text"/>
Card Number:	<input type="text"/>
Special Requests:	<div>Enter your request here</div>

Montclair Red Hawk Resort  
1 Atlantic Ave.  
Atlantic City, NJ 07777  
973-655-4166  
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[yourfirstname@yourlastname.com](#)

Check in date and check out date will show calendar when Chrome is used. Phone number and email have placeholder as shown.



Check-in Date:

Check-out Date:

Phone:

E-mail Address:

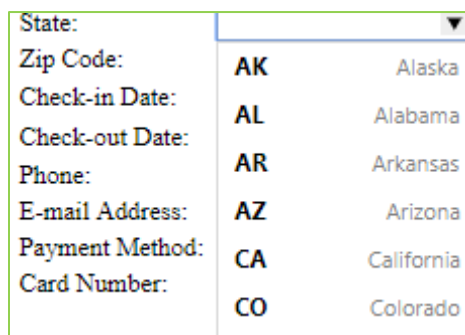
Payment Method:

Card Number:

Special Requests:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

The state is a drop down and shall be implemented using HTML5 datalist



State:

Zip Code:

Check-in Date:

Check-out Date:

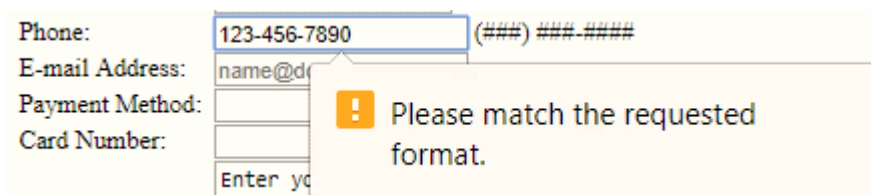
Phone:

E-mail Address:

Payment Method:

Card Number:

The phone number format must according to the format of placeholder



Phone:  (###) ###-####

E-mail Address:

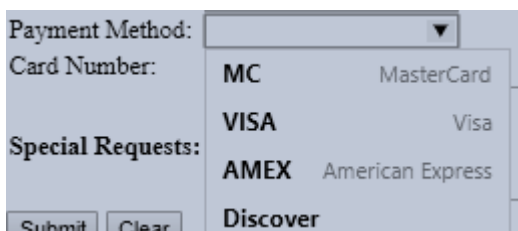
Payment Method:

Card Number:

Enter your

Please match the requested format.

Payment method is drop down, use HTML 5 datalist to implement it.



Payment Method:

Card Number:

Special Requests:

Discover