Week 4: CREATING A WEBSITE

4010 WEBPAGE DESIGN

ADOBE DREAMWEAVER CS4

Overview

- A website is a set of one or more web pages that contain hyperlinks to one another.

- When creating a website several things should be taken into account;
  - **Hyperlinks** should be create correctly because if the name or location of the linked files changes, the hyperlinks will not work
  - Name the **home page** appropriately so that the web servers will recognize it as being the home page.

- Dreamweaver uses a special **file management** system which can be viewed and managed through the **Files panel.**

Learning Outcomes

In this session, students will ;
- Gain an understanding of the structure of basic websites
- Gain an understanding of Dreamweaver sites
- Gain an understanding of Site Definition dialog box
- Learn how to define a new Dreamweaver site
- Learn how to create HTML pages and folders
- Learn how to create a home page
- Learn how to insert titles into HTML pages
- Learn how to view XHTML code in Code view
- Learn how to preview and HTML page in a browser.

Basic Website Structure (1/6)

1. **CREATING YOUR LOCAL ROOT FOLDER**

   ◦ First decide what you want to put on your website: images, buttons, videos, PDF Document, PowerPoint Presentations etc.…

   ◦ To create and maintain an organized website, you need to establish a hierarchy of folders that contain all of the components that make up your site. This folder is called your **Local root folder.** This folder is important because this is where Dreamweaver looks for all your files.

Basic Website Structure (2/6)

1. To create a new folder on your desktop. On a PC, Right click anywhere on the desktop>select **New Folder**

2. Give the Folder a brief but descriptive name. Do not use capital letters, spaces or special characters when naming folders and files of your website. All of your will be save within this folder.

3. Open the folder, create another folder inside. Name this folder **images**. Put all your images, buttons, movie files etc.. Inside the images folder.

Note: Make sure that all your pages and images are saved in your root folder or they will not appear the next time your website is opened**.**

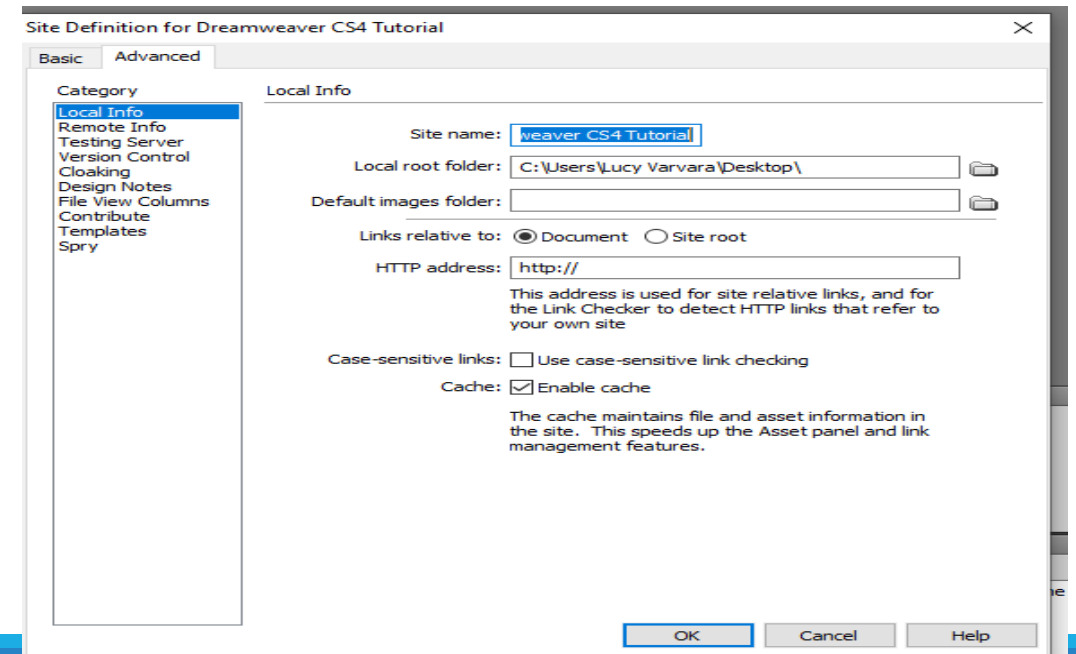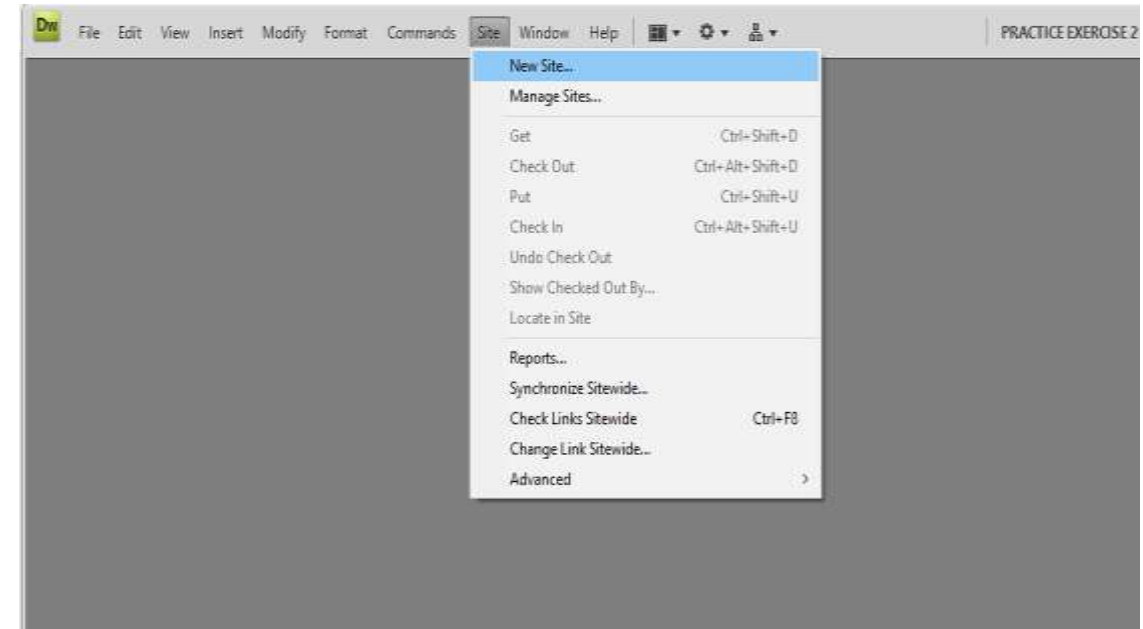# Basic Website Structure (3/6)

2. **MANAGING YOUR SITES**

- Now you are ready to launch Dreamweaver CS4.
- *Click **Start**>Click **Adobe Dreamweaver CS4.***

The most important step you need to take every time you launch Dreamweaver CS4 is to define your Local Info. The **local root folder** is the name for the folder where you are storing all your website's contents.

Basic Website Structure (4/6)
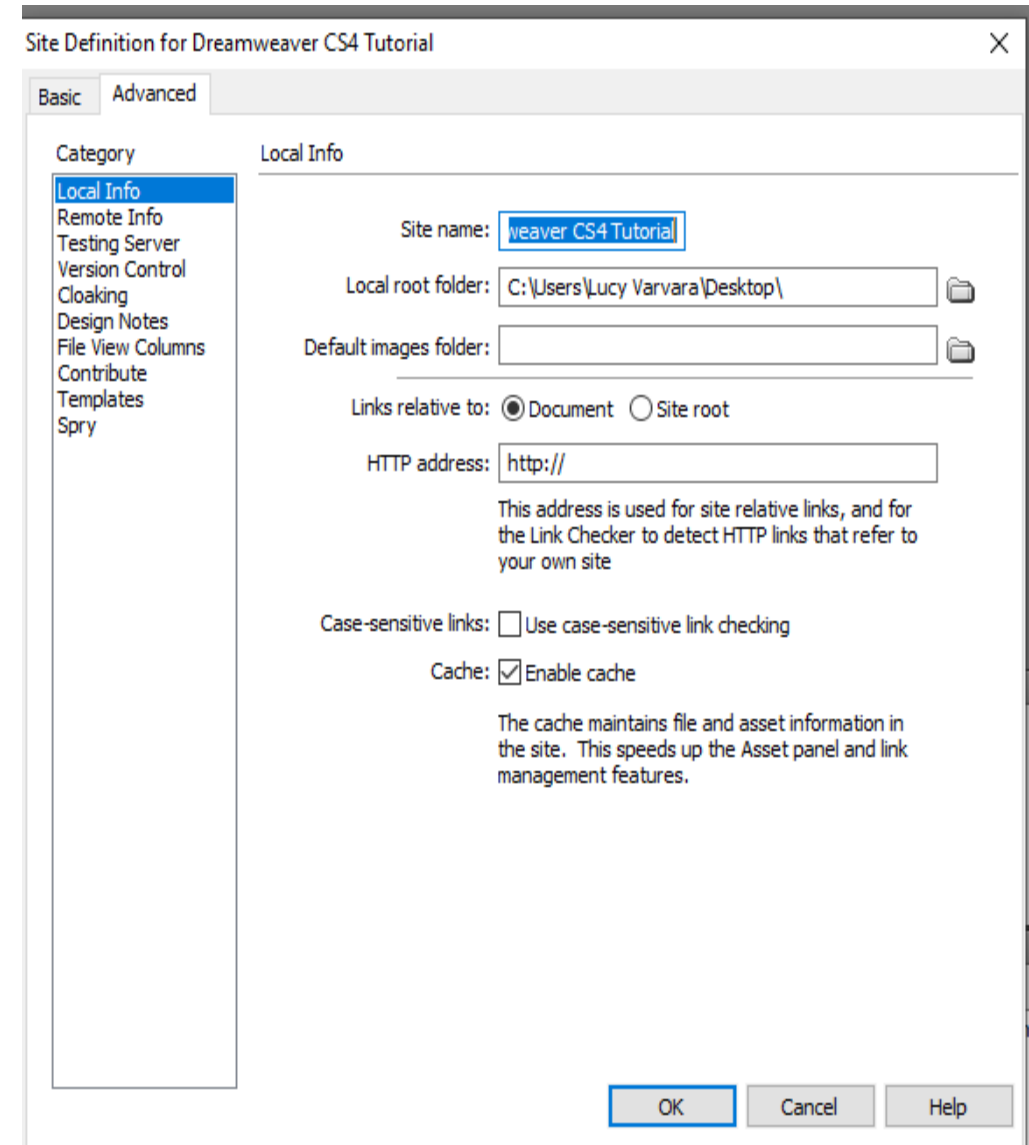

To **define** a **site**, follow these steps;

1. Click **Site**> **New Site**
2. Select the **Advanced tab**
3. Enter a name for the site in the **Site Name** text field e.g. *Dreamweaver CS4 Tutorial* (This name will be for your use only-it will not be published with your site

Basic Website Structure (5/6)

4. Click the small folder icon next to the **Local Root Folder** text field

5. Navigate through the folders on the computer an/or hard disk and locate the folder that you have designated for your website project(local root folder).

6. Select the designated folder and click the **Select** button

Note: Follow the same steps above to choose your **Default Images Folder**, which is located in your Local Root Folder.

Basic Website Structure (6/6)

3. **DEFINING YOUR REMOTE INFO**

Next, every time you launch Dreamweaver, you have to define your **Remote Info**. The **Remote Info** tab is use to tell Dreamweaver where to put your files when you are ready to upload them to the Web. (We will be working on our local computers in our tutorials so there no need to select a server and host name)

To define the Remote Info, do the following

1. Click on the Remote Info
2. Select **None**>**OK** (We will not be select a Host at this moment)

Creating a Home Page (1/2)

1. To add a new page go to **File**>**New** and choose a basic **HTML** page. Save this page by clicking **File**>**Save As.** Name the first page as **index.html.** This will be the first page the users encounter when they visit your site. Save this file to your root folder as index.html. Naming the homepage index.html tells the Web browser that this is the first page it should open when someone visit your site.
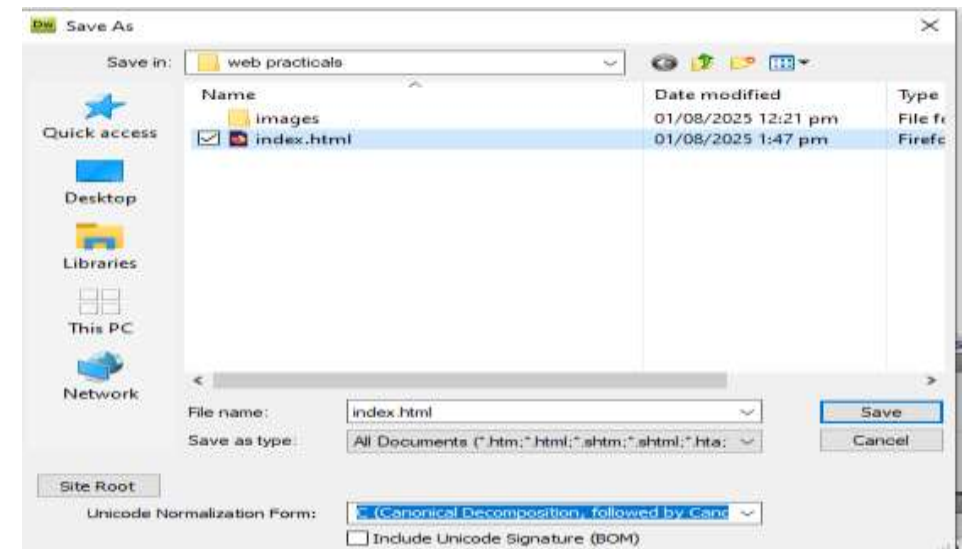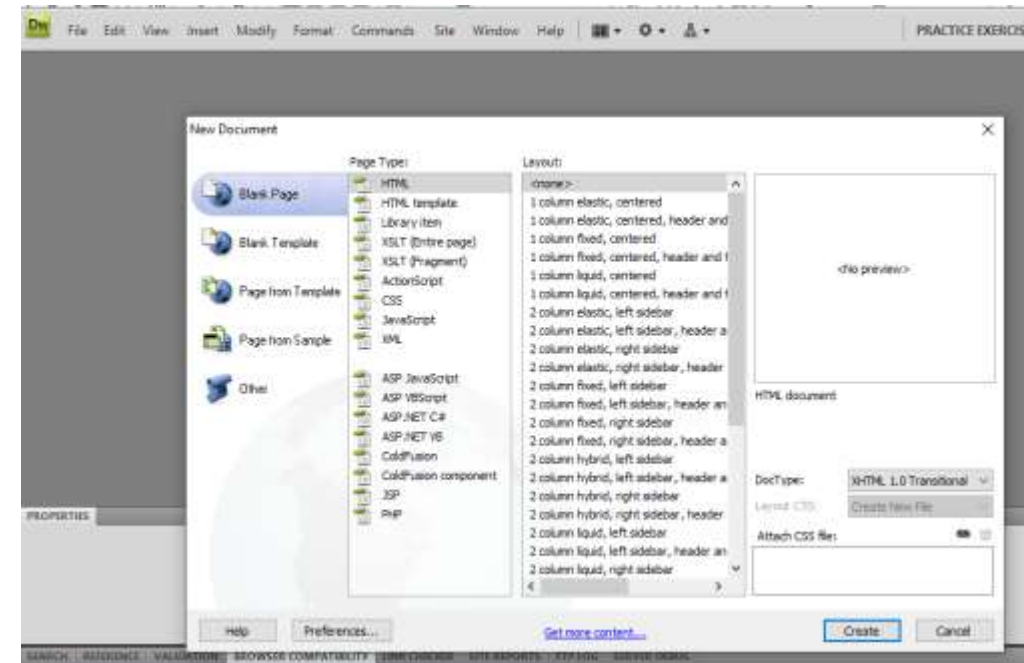
Creating a Home Page (2/2)

2. After your homepage **index.htm**l is created, you can use this page as a template layout for all the other pages in your site. Simply hit **Save As** and name the file whatever you wish, but be sure to keep the name simple, for our example lets give **about.html**.

3. Repeat Step 2 to create **adopt.html, care.html, events.html and contacts.html.** Remember, do not use capital letters or spaces when naming files, this will make it easier for web browsers to find your files.

4. To save the pages of your site simply click **File>Save** for each page. Make sure your homepage is named **index.html**, and save all your files in the folder you chose when you define your site i.e.. In your **local root folder**.

Design and Layout (1/2)

• Even when you are creating only a simple Website, you should began by sketching out the layout of your site. Decide where you want titles, images, navigation buttons and texts to appear on the screen.

• Most web sites have the same design characteristics on every page. For example the web site titles are usually in the top left corner, while the navigation buttons usually appear vertically on the left or horizontally below the title. In addition to sketching out the layout for each page, you should determine how many pages you will need for your site. ***Thorough planning is essential to good web design***.
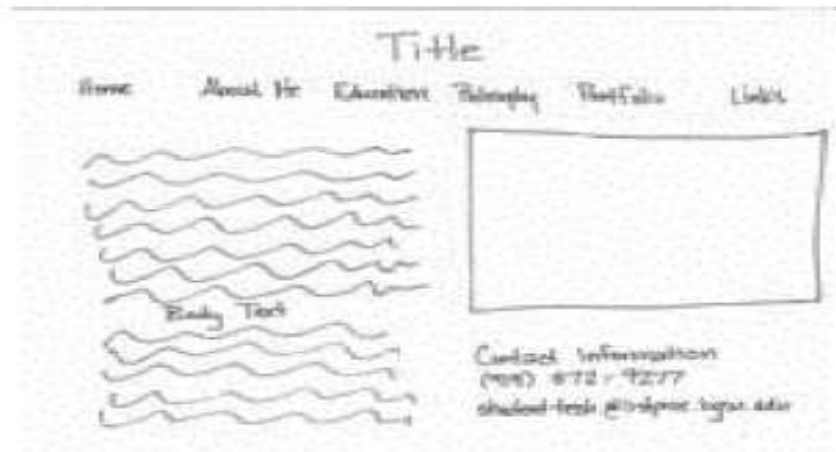
Simple Layout Sketch
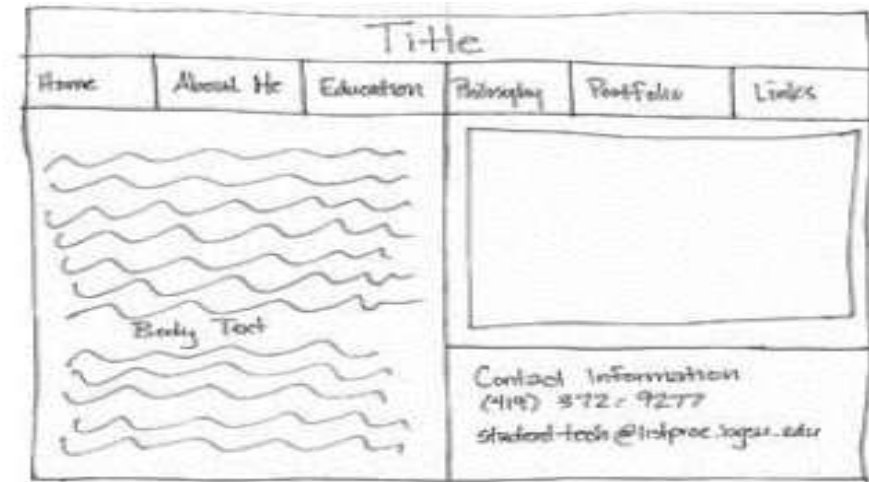
Simple layout sketch with borders

Design and Layout (2/2)

- In order to get your text, navigation buttons, and images to appear where you want them on the Web page; you need to use tables to format content of each page. Everything on each page of your Website should fit within one large table.

- Using your layout sketches, you can determine what your table needs to look like.

- Now, simply create a table in Dreamweaver that has the same characteristics as the borders drawn on the page.

Insert table

Insert a Table

1. Place your cursor in the Design View where you want the table.
2. Go to **Insert** > **Table.**
3. In the dialog box:

◦**Rows:** Choose how many horizontal sections you need (e.g., header, content, footer).

◦**Columns**: Choose how many vertical sections (e.g., sidebar, main content).

◦**Table Width**: Set to 100% or a fixed pixel width like 800px.Border Thickness: Set to 0 for invisible borders or 1 for visible ones.

◦Click **OK.**
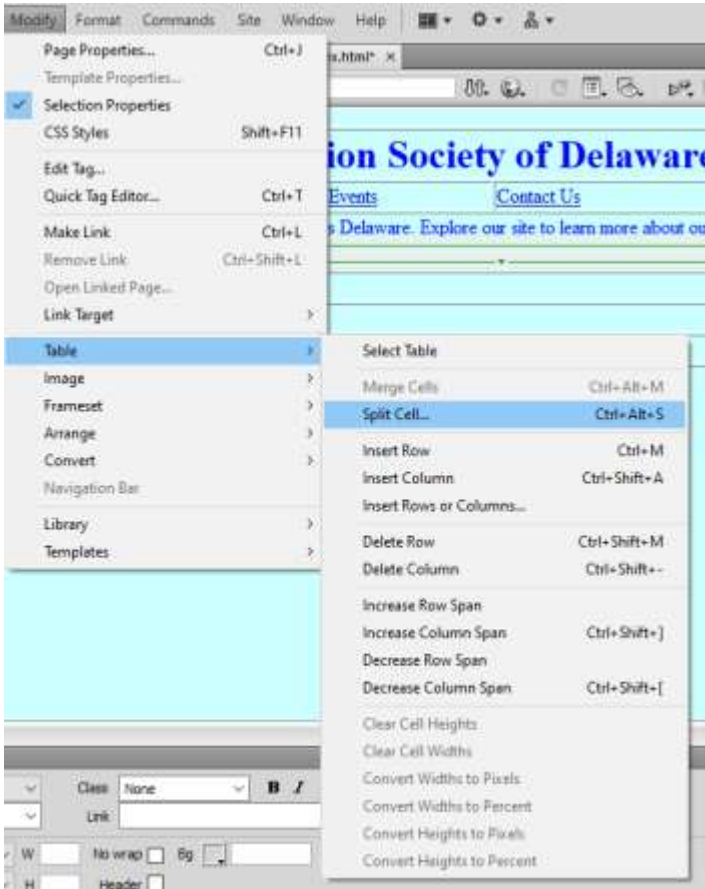
4. Select first table row>Go to **Modify**>Table>**Merge Cells**

5. Repeat Step to the last row
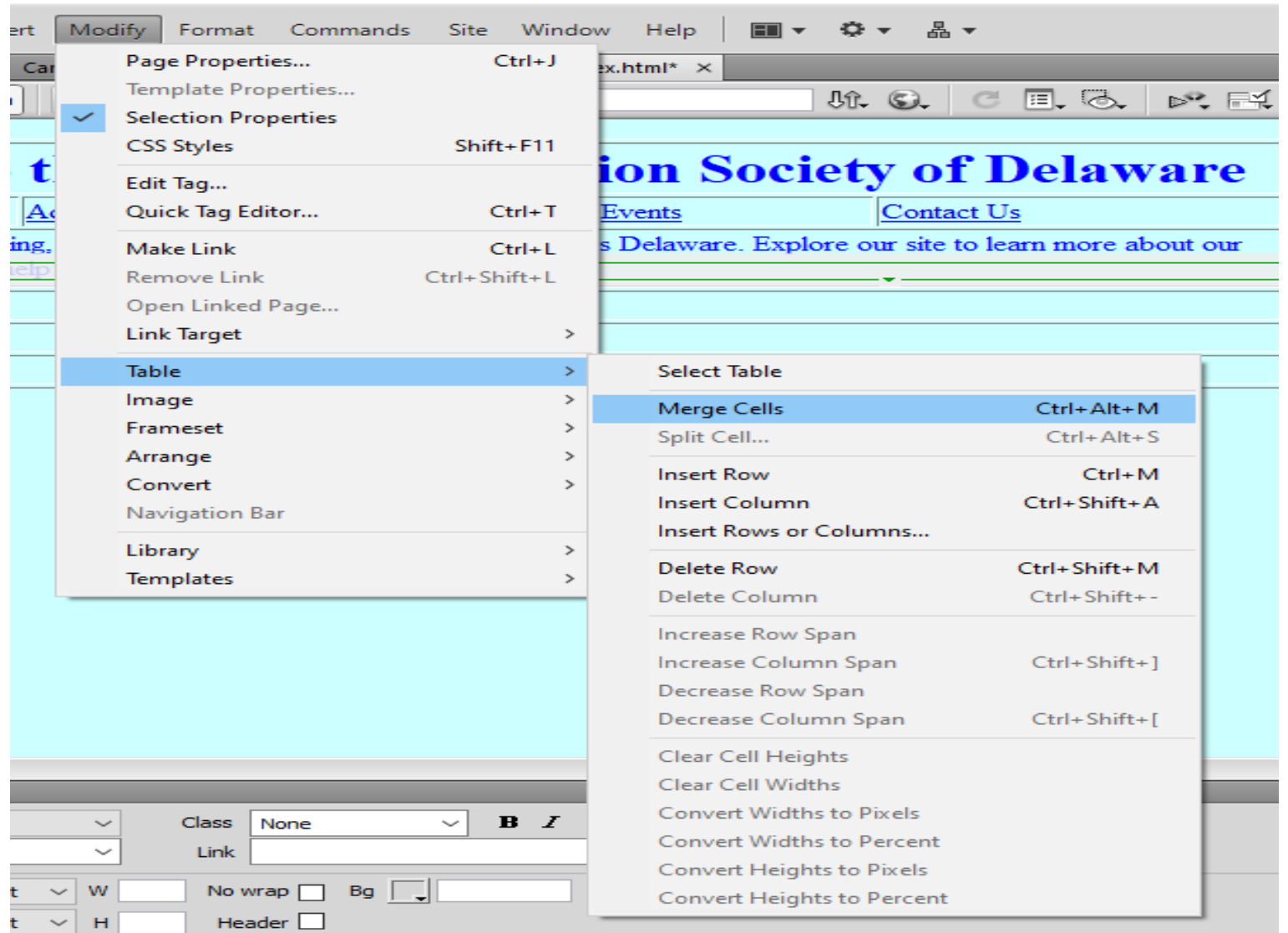
- Click on the left side of the second row>Click **Modify>Table>Split Cell**

- On the Split Cell dialog Box, Click on **Columns>Number of Columns 5** Click **OK**

- Type the navigation text**, Home, About, Events, Adopt an Aardvark, Care Tips, Contact**
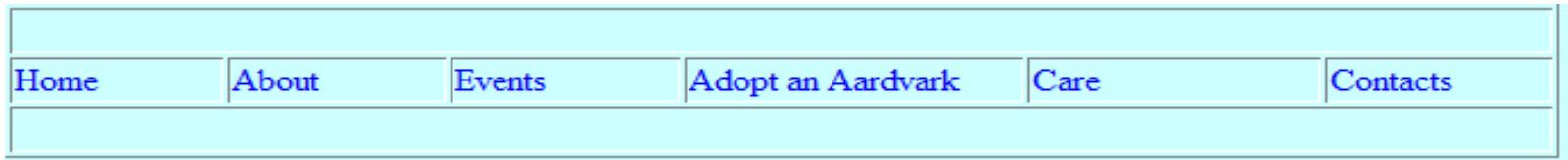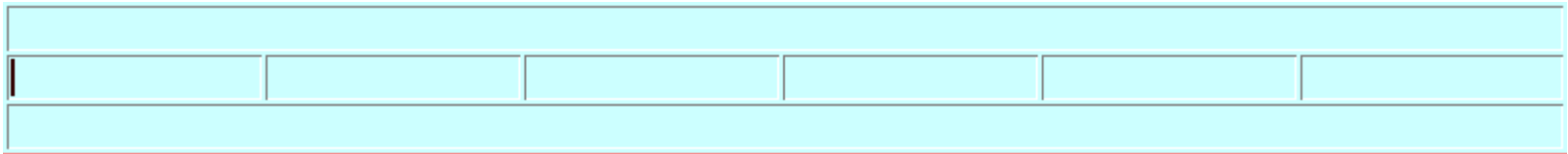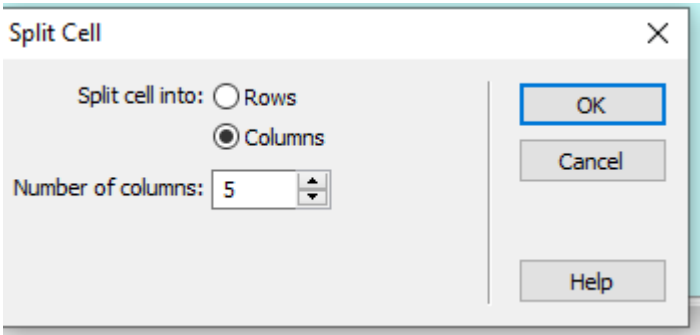
Creating Navigational Links

1. Right-click on the text and click **Make Link>** Select the web page you want to link to from the **Select file** dialogue box
2. Click **OK.**

Notice the text is underline, you just created a hyperlink
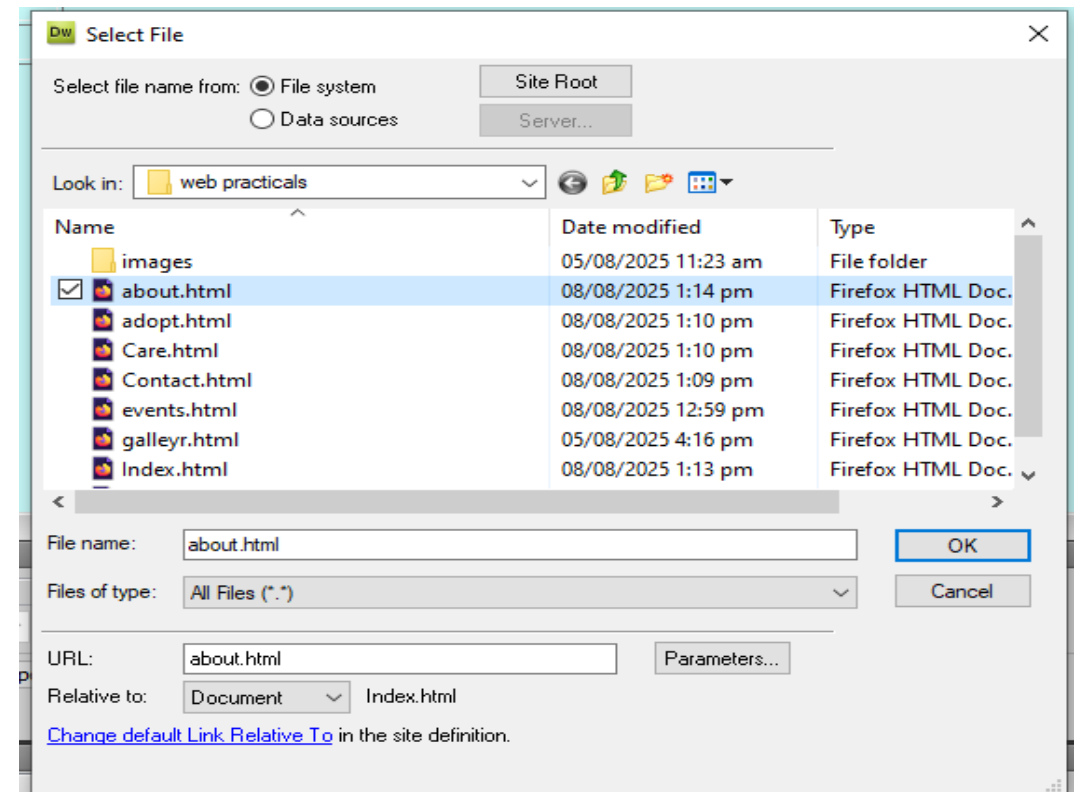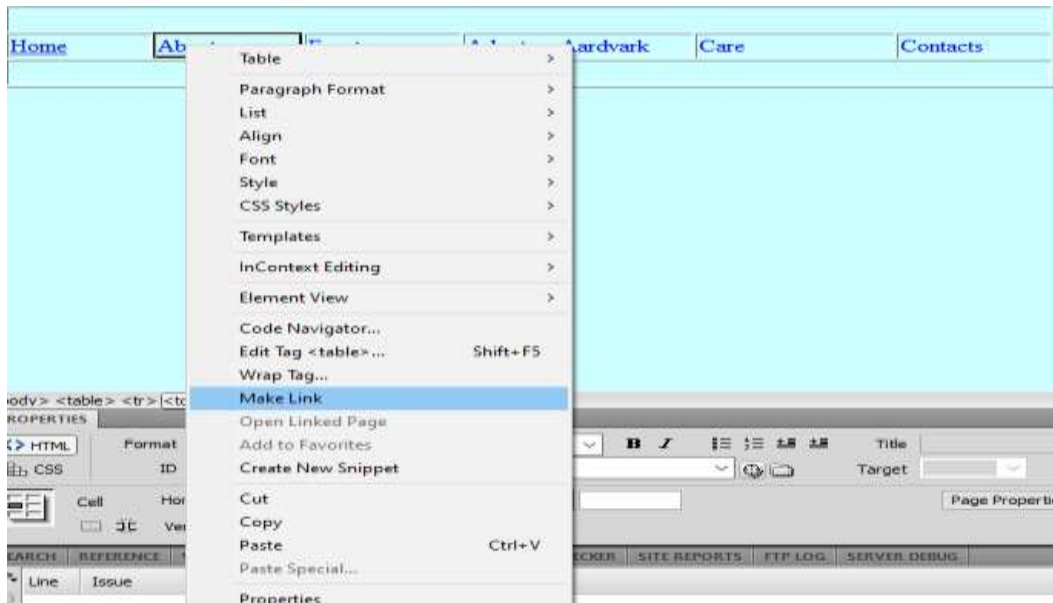
Enter Page Contents in Adobe Dreamweaver CS4 (1/6)

- Open the **index.html** page in the Dreamweaver Design view and insert the content shown on the image on the right

- Format the contents using the **Properties Inspector**
  - Apply heading 1 to the main Title, font color blue and align center
  - Apply heading 3 to the subtitles
  - Apply page background of your choice

- Open the **about.html** page in the Dreamweaver Design view and insert the content shown on the image on the right

- Format the contents using the **Properties Inspector**
  - Apply heading 1 to the main Title, font color blue and align center
  - Apply heading 3 to the subtitles
  - Apply page background of your choice

About Us

| Home | About Us | Adopt an Aardvark | Care Tips | Events | Contact Us |

Digging deep to make a difference.

Founded in 2010, the Aardvark Adoption Society of Delaware is a nonprofit organization dedicated to the rescue, rehabilitation, and rehoming of displaced aardvarks. We're passionate about giving these unique creatures a second chance—and educating the public about their care and conservation.

Our Mission

To provide safe, loving homes for aardvarks in need while promoting awareness of their ecological importance and gentle nature.

Our Team

Our team is made up of wildlife specialists, volunteers, and everyday aardvark lovers who believe that every snout deserves a smile. From habitat design to health checks, we ensure each aardvark gets the care it deserves.

Why Aardvarks?

Often misunderstood, aardvarks are solitary, nocturnal animals with a powerful sense of smell and a love for digging. They play a vital role in controlling insect populations and aerating soil. By adopting and supporting them, you're helping preserve a fascinating part of our ecosystem.

Our Location

We're based in Wilmington, Delaware, but our reach extends across the region through educational programs, community events, and adoption services.

Open the **Adopt.html** page in Dreamweaver Design view and insert the content shown on the image on the right

Format the contents using the **Properties Inspector**
- Apply heading 1 to the main Title, font color blue and align center
- Apply heading 3 to the subtitles
- Apply page background of your choice

Adopt an Aardvark

Home	About Us	Adopt an Aardvark	Care Tips	Events	Contact Us

Give a snout a new start.

Ready to welcome an aardvark into your life? Our adoption program connects gentle, rehabilitated aardvarks with loving homes. Each adoption helps us continue our mission of rescue and education.

How It Works

1. **Browse Available Aardvarks** Meet our current residents and learn about their personalities, habits, and special needs.
2. **Submit an Application** Fill out our online form to tell us about your home, lifestyle, and experience with animals.
3. **Home Visit & Approval** Our team will schedule a visit to ensure your space is safe and suitable for aardvark living.
4. **Meet & Greet** Spend time with your potential aardvark match to build trust and connection.
5. **Final Adoption** Once approved, you'll receive care instructions, support resources, and a welcome kit.

What You'll Need

- A quiet, secure outdoor space for digging
- A temperature-controlled shelter
- A diet of ants, termites, and specialized supplements
- Patience and love for a nocturnal lifestyle

Adoption Fee

A one-time fee of $150 helps cover medical care, food, and ongoing support.

Ready to Adopt?

Click below to view our aardvark profiles and start your adoption journey.

View available Aardvarks

Enter Page Contents in Adobe Dreamweaver CS4 (4/6)

- Open the **care.html** page in the Dreamweaver Design view and insert the content shown on the image on the right

- Format the contents using the **Properties Inspector**
  - Apply heading 1 to the main Title, font color blue and align center
  - Apply heading 3 to the subtitles
  - Apply page background of your choice

Aardvark Care Tips

| Home | About Us | Adopt an Aardvark | Care Tips | Events | Contact Us |

Because every aardvark deserves thoughtful care.

Caring for an aardvark is a unique and rewarding experience. These gentle creatures have specific needs that require attention, patience, and love. Here are some essential tips to help you provide the best home possible.

Habitat & Environment

- **Space to Dig:** Aardvarks love to burrow. Provide a secure outdoor area with soft soil or sand.
- **Shelter:** They need a temperature-controlled shelter to stay warm and dry, especially during cooler months.
- **Quiet Zones:** Aardvarks are solitary and nocturnal—create a peaceful space for daytime rest.

Diet & Nutrition

- **Insects:** Their natural diet includes ants and termites. You can supplement with insect-based pet food or specialized aardvark pellets.
- **Hydration:** Always provide fresh water in a shallow, sturdy bowl.
- **Feeding Time:** Feed in the evening to match their nocturnal habits.

Health & Hygiene

- **Regular Checkups:** Schedule vet visits with exotic animal specialists.
- **Clean Living Space:** Remove waste and refresh bedding regularly.
- **Watch for Signs:** Lethargy, loss of appetite, or unusual digging behavior may signal health issues.

Enrichment & Bonding

- **Toys & Challenges:** Puzzle feeders and scent trails keep them mentally stimulated.
- **Gentle Interaction:** Let them approach you on their terms. Respect their need for space.
- **Routine:** A consistent schedule helps reduce stress.

Enter Page Contents in Adobe Dreamweaver CS4 (5/6)

Open the **events.html** page in the Dreamweaver Design view and insert the content shown on the image on the right

Format the contents using the **Properties Inspector**

- Apply heading 1 to the main Title, font color blue and align center
- Apply heading 3 to the subtitles
- Apply page background of your choice

Enter Page Contents in Adobe Dreamweaver (6/6)

Open the **contact.html** page Type

◦ Email: info@aardvarkadoption.org

◦ **Phone**: (302) 555-1234

◦ **Address**: 123 Burrow Lane, Wilmington, DE 19801

To insert the input filed

◦ Select **Insert** > **Form**>Text Filed

◦ **ID**: name

◦ **Label:** Name

◦ Click OK
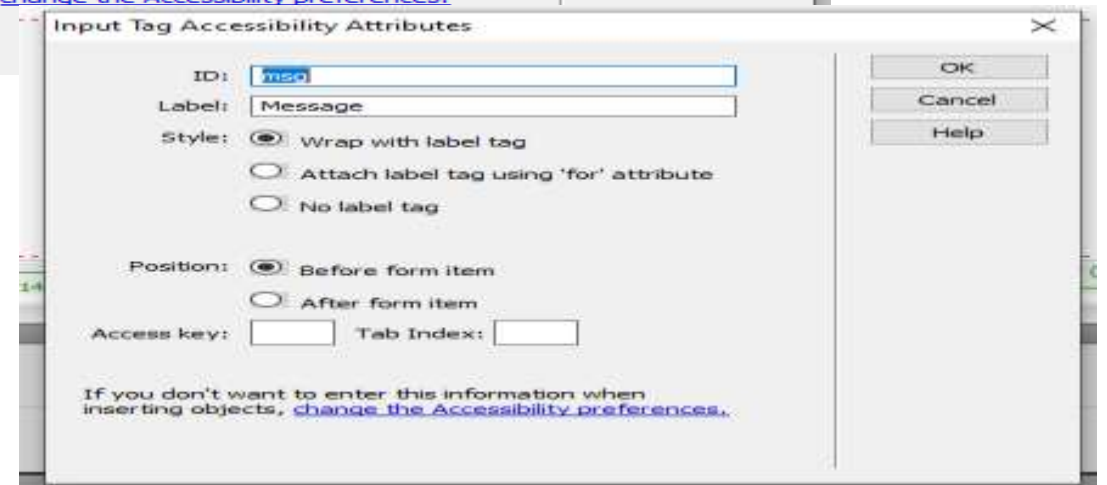
To insert a Text Area

◦ Select Insert>Form>Textarea

◦ **ID**: msg

◦ Label: Message

◦ Click Ok

| Home | About Us | Adopt an Aardvark | Care Tips | Events | Contact Us |

Contact Us Here

Email: info@aardvarkadoption.org

Phone: (302) 555-1234

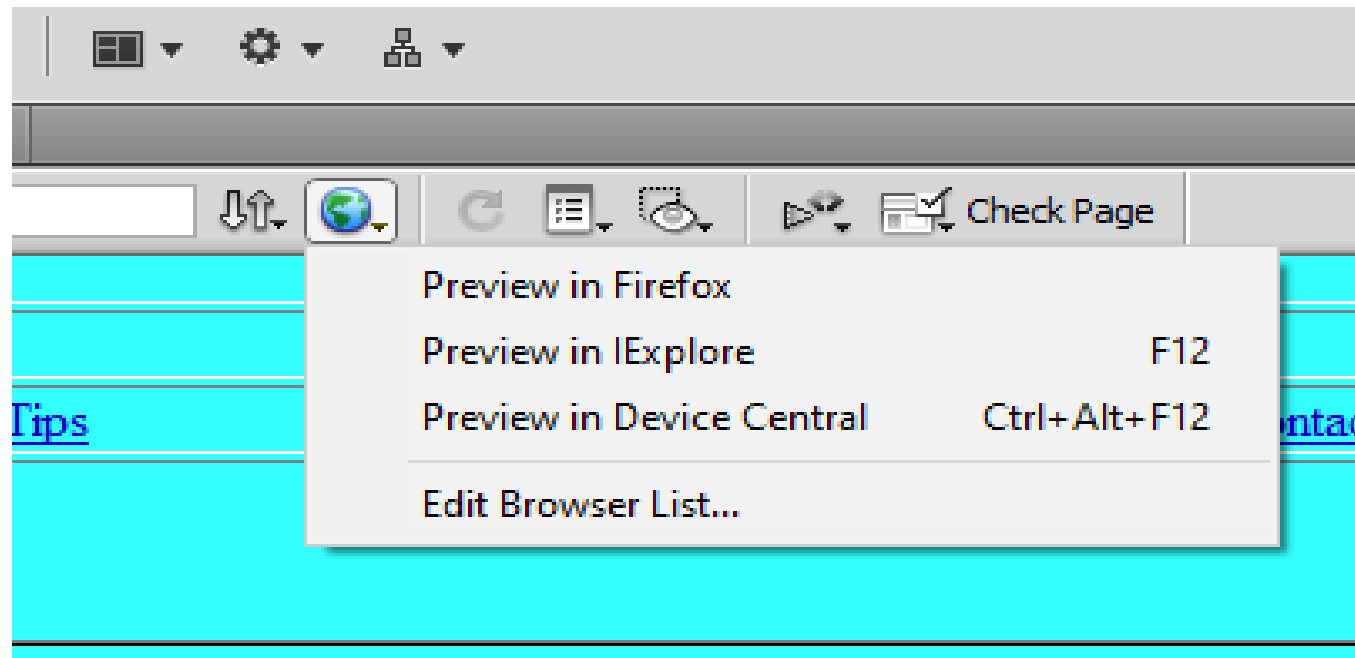Address: 123 Burrow Lane, Wilmington, DE 19801

Name

Message

Submit

Previewing in Browser

- Click on the preview command>select a browser
- Click on the navigational links to view each page

Thank you ☺