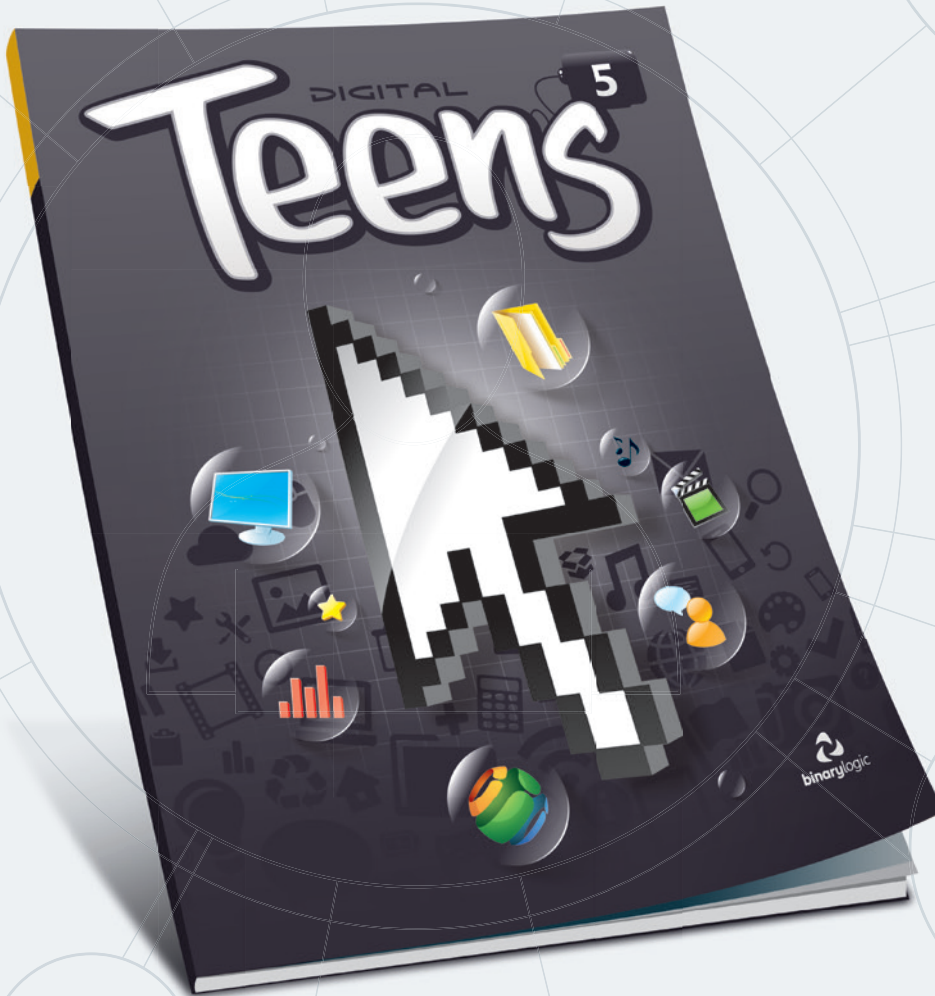


Online Teaching Resources

Digital Teens 5



Samples of

- > Lesson Plans
- > Activity Worksheets
- > Self-Evaluation Sheets

Syllabus

Building a website

1. Design a web page
2. Web hosting and SEO
3. HTML and CSS
4. Insert content
5. Web forms
6. Project

Graphics design

1. Vector graphics
2. Coloring and shaping
3. Adding text and reshaping
4. Making curves
5. More design tools
6. Project

Interactive applications

1. Getting started
2. Designing the UI
3. Animating objects
4. Adding interactivity
5. Working with sound and video
6. Project

Advanced multimedia

1. Video shooting
2. Video editing
3. Visual effects
4. The final touch
5. 3D animation
6. Project

Project management

1. What is a project?
2. Organizing tasks
3. Create a Gantt chart
4. Create a diagram
5. Changing colors and fonts
6. Project

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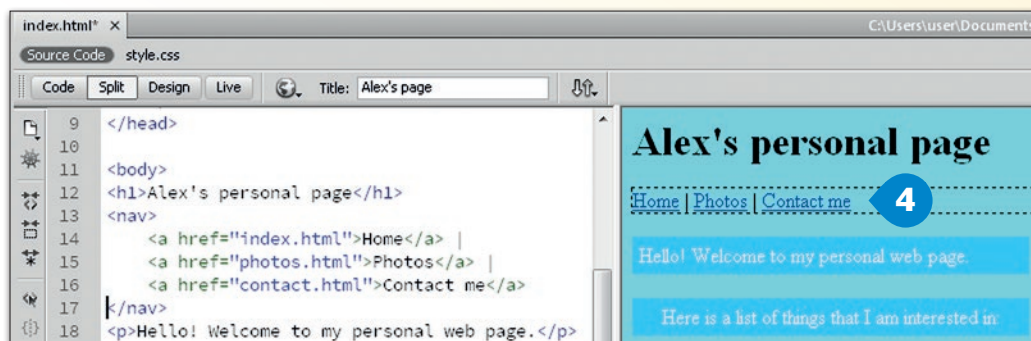
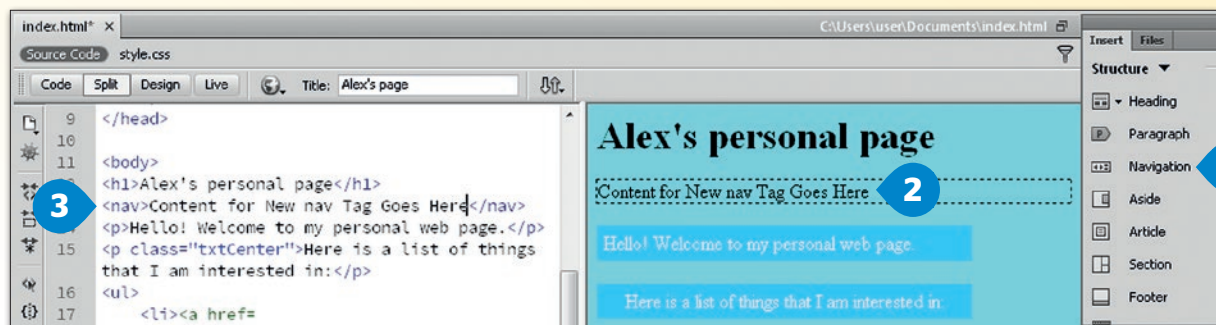
TASK 4

Insert content

Up till now, we have only worked on a single web page. It's now time to expand our website and add more pages. To make it easier for your visitors to move from one page to another in your website, it is a good idea to create a navigation toolbar containing links to your other pages.

To create a navigation bar:

- > Click anywhere on your page in **Design** view and click **Navigation 1** on the **Insert** panel.
- > A new container is inserted. **2** In **Code** view, a new `<nav>...</nav>` structure appears. **3** Here, we place the navigation structure just after the page title.
- > Create links to your other web pages inside the navigation structure. **4** Here, we create three links and separate them with a simple | character.



SMART TIP

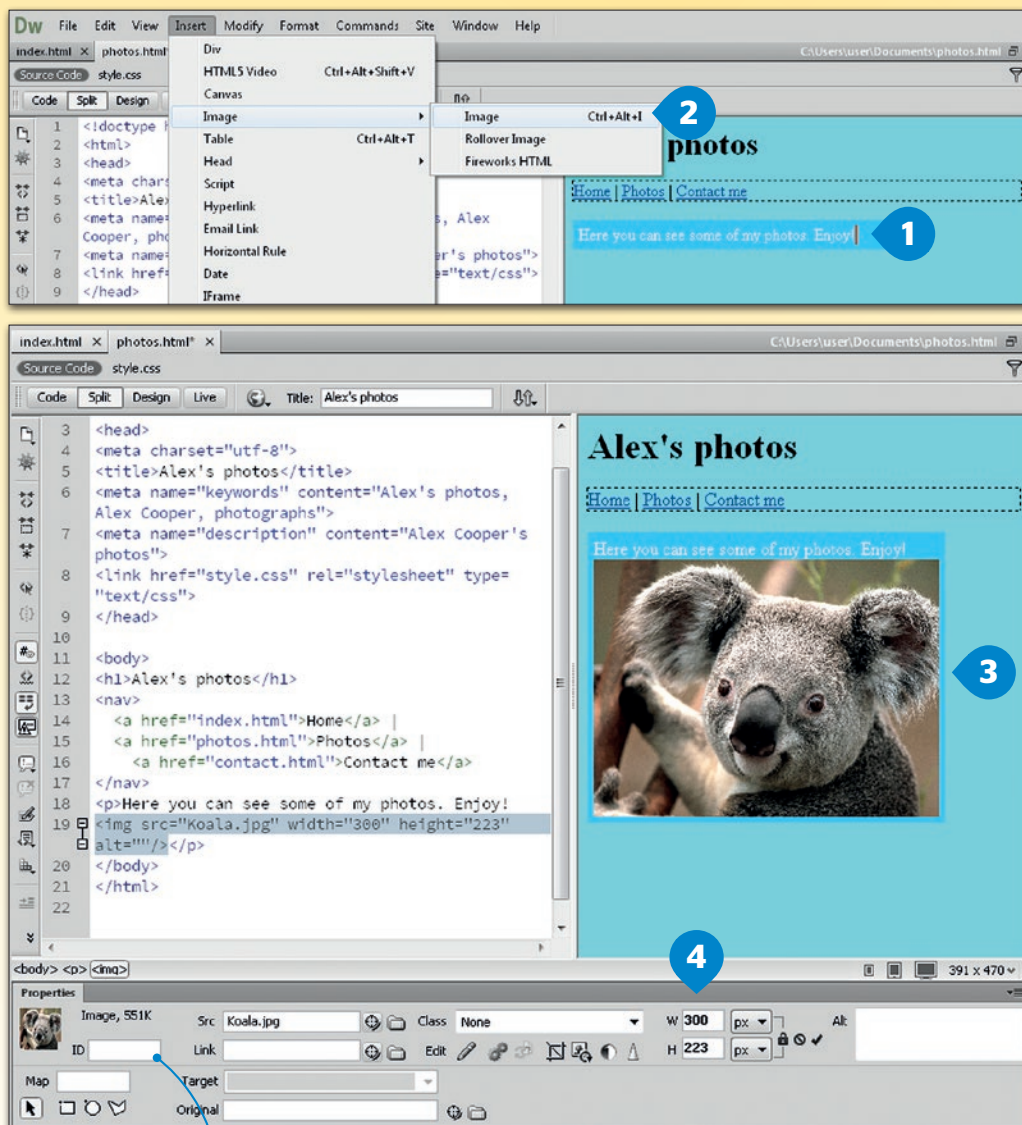
The first navigational link "Home" leads to our homepage which is the file `index.html`. The other two links, "Photos" and "Contact me", link to other web pages that we haven't created yet.

Adding an image

Let's add an image after the first paragraph of our new web page.

To add an image:

- > Click on the point where you want to insert your image. **1**
- > From the **Insert** menu, select **Image** and click **Image**. **2**
- > Browse and select an image. It's best if you have your site's images in the same folder as your web pages or in a subfolder of that folder.
- > Your new image is added. **3**
- > Change the image's dimensions from the **Properties** panel, if it is too big. **4**



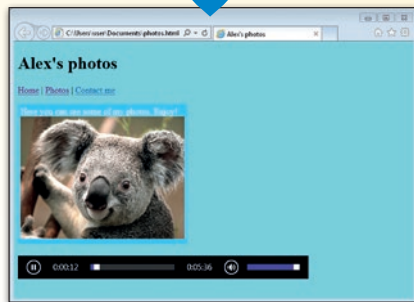
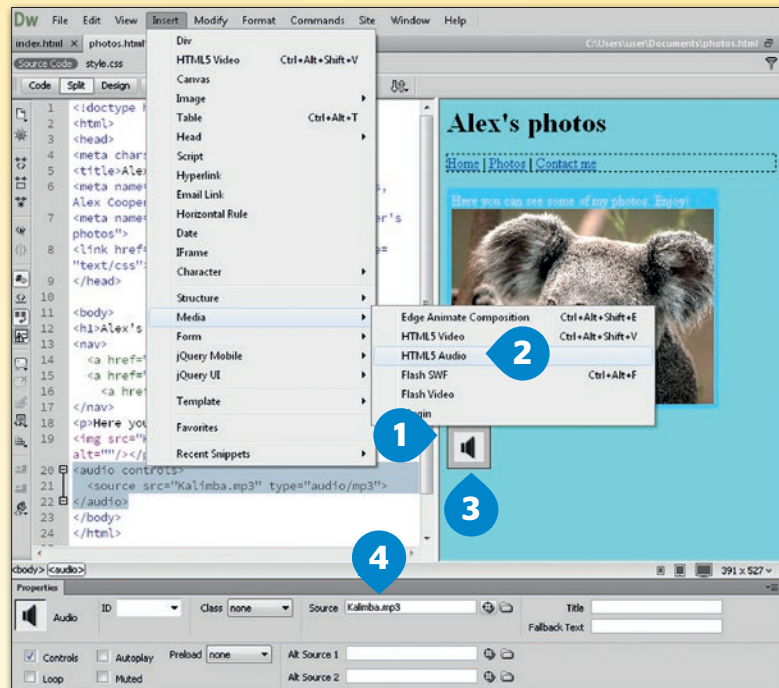
From the Properties panel of an image you can also define an ID or a class for formatting and add a link if you want your image to function as a hyperlink.

Add sound

With HTML5 it is very easy to add sound to any of your web pages.

To add sound:

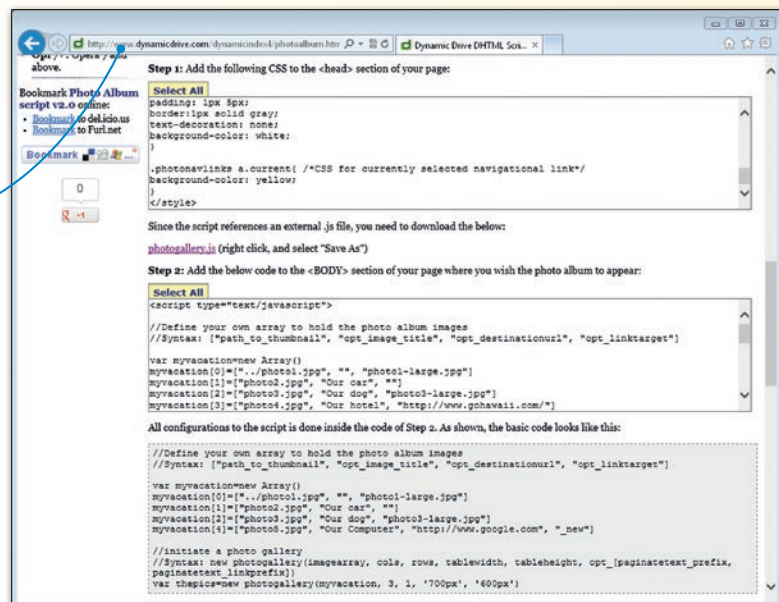
- > Click where you want to add the sound controls. **1**
- > From the **Insert** menu, select **Media** and click **HTML5 Audio**. **2**
- > A new audio control structure appears. **3**
- > Type the relative path to your sound file in the **Source** text box, on the **Properties** panel. **4**
- > Save your page and test it in a browser to see if the sound plays fine. **5**



Create a photo gallery

If you want to add a photo gallery to your website to display your photographs, there are many free ready-made options available for you to use. Use your favorite search engine and search for "free photo gallery for website". There are many quality options offering detailed instructions on how to include the photo gallery in one of your web pages and how to set it up so that your images can be displayed.

As an example, we followed the instructions found on <http://dynamicdrive.com/dynamicindex4/photoalbum.htm> to create a simple photo album for our site.

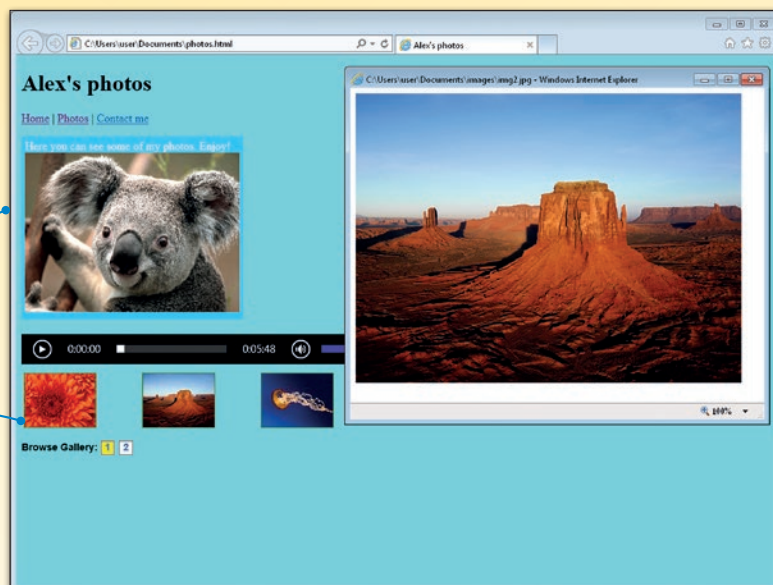


Download the necessary file (photogallery.js) in the same folder as your web page and then copy and paste the code into your web page following the instructions. In this example, we placed the images we want to display inside a folder named images, located in the same folder as our web pages. We also resized our images to create thumbnails for our album and saved them with the prefix "pr_". Here is the relevant code.

```
index.html x photos.html x C:\Users\user\Docum
Source Code style.css photogallery.js
Code Split Design Live Title: Alex's photos
56 </p>
57 <audio controls>
58 <source src="Kalimba.mp3" type="audio/mp3">
59 </audio>
60
61 <script type="text/javascript">
62
63 //Define your own array to hold the photo album images
64 //Syntax: ["path_to_thumbnail", "opt_image_title", "opt_destinationurl", "opt_linktarget"]
65
66 var myvacation=new Array()
67 myvacation[0]=["images/pr_img1.jpg", "", "images/img1.jpg"]
68 myvacation[1]=["images/pr_img2.jpg", "", "images/img2.jpg"]
69 myvacation[2]=["images/pr_img3.jpg", "", "images/img3.jpg"]
70 myvacation[3]=["images/pr_img4.jpg", "", "images/img4.jpg"]
71 myvacation[4]=["images/pr_img5.jpg", "", "images/img5.jpg"]
72
73
74 //initiate a photo gallery
75 //Syntax: new photogallery(imagearray, cols, rows, tablewidth, tableheight, opt_[paginatetext_prefix,
76 //paginatetext_linkprefix])
76 var thepics=new photogallery(myvacation, 3, 1, '500px', '100px')
77
```

And here is how it looks on a browser.

The script creates a simple photo gallery. By clicking on a thumbnail, the photo appears in a new window in full size.



hands on!

Add navigation links to your website and create a new web page to display some of the photographs you have taken, or images that you like, in a photo gallery.