

CIS235: Lesson 12 At-Home Final Exam Project

Welcome to the Final Exam Project!

Before you can begin, you must create a new folder on your ClassWeb site to store your final project.

1. Log in to your ClassWeb site.
2. With CyberDuck FTP (or a FTP program of your choosing), create a new folder. *(In CyberDuck, click on **File** > **New Folder** in the program menu.)*
3. Give the new folder the name “**Final**.”
4. All files for your final project will go in this new, **Final** folder. *(This keeps your previous homework files separate from your final exam project.)*

Candy Shop Theme

For this final project, you’ll be developing a candy shop e-commerce Web site with two product categories of your choosing. Potential product categories are Hard Candies, Chocolates, or even Licorice.

Important Note:

When working with images, remember to **only** use public domain or Creative Commons images.

1. Create the homepage (**index.html**) file.
2. Include the page’s title, and the following meta tags (charset, description, author, and view-

port.) Make sure to give them appropriate values.

3. Include <header>, <article>, and <footer> sections in the HTML document.
4. Apply a Google Font of your choosing to the entire HTML document.

The Header Section

1. Format the <header> so that it contains the following:
 - The company’s logo *(Create or find an image from the Web that will work for this purpose.)* Add the company’s name to the image.
 - A <nav> section that includes links to your two product category pages
2. Using CSS, format the following with values of your choosing:
 - Add a background color to the <header> section.
 - Specify the width of the company logo. Make sure that it’s not larger than 600 pixels wide.
 - Float the <nav> to the right. Use margins to reposition it as desired.
 - Make the links in the <nav> section look like buttons or tabs that include a background color with a minimum padding of 5 pixels. Remove the underline under the links.

The Article Section

1. For the <article> section, add the following:
 - Add an image background of your choosing that covers the entire <article> area.
 - Use an <h1> headline that greets the user.
 - Add a <p> paragraph (or more) to let the customer know a sale is going on. Provide a coupon code.
 - Add an <aside> section that includes a <form> encouraging people to sign up for the company’s newsletter. Include a field for customers to provide an email address and a submit button. For the e-mail address field, give it the name value of “email” and make it a required field. Make sure to include a method with the value of post.
2. Using CSS, format the following with values of your choosing:
 - Format the <h1> text to use a minimum font size of 3em.
 - Format the coupon code so the text is bold and uses a bright color that can be easily seen.
 - Float this <aside> to the right.
 - Add a solid background color to the <aside> of your choosing with a padding value of 20 pixels.

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The Footer Section

1. Add a background color of your choice to the <footer> section. Include padding or any other visual styling as desired to make it look attractive.
2. Add an <address> tag that displays the company's name and mailing address as well as an email address. Add an <a> anchor tag to the email address to make it clickable.
3. Save the **index.html** file.

The Template File

Next, you'll use the home page (index.html) file to create a template file. Be sure you do not alter the index.html file.

1. Open the **index.html** file and immediately save it as **template.html**.
2. Close the **index.html** file **without** altering it.
3. Remove all content and previous formatting from the <article> section of the template file. Save the template file as **template.html**.

Creating the First Product Page

1. Using the **template.html** file, create your first product page. For example, if you were creating a bakery site, you might save your first product category page as breads.html.

2. Add three products to your new product category page. Make sure to do the following:
 - Add a comment stating which product is being listed.
 - Add a new <section> and enclose the product details inside (e.g., photo, title, price).
 - Add the new product to AmberCart system. Then, add an AmberCart "Add to Cart" product button below the product's price.
 - At the top of each HTML category page, add an <h2> element that clearly states that this is a "Demo Store for Learning Purposes Only — Do Not Buy Any Products From This Site."
 - Include an open <details> and <summary> tag with an unordered list inside that provides at least four product details for the item being sold.

For example: if you were selling whole wheat bread, you might add items like, "100% whole wheat," "Baked Fresh Daily," etc.

- Add HighSlide to the product picture, so when customers click on the photo, they see a larger (high-resolution) version of the image.

Creating the Second Product Page

1. Using the **template.html** file, create your second product page.

2. Add three products to your new product category page. Make sure to do the following:

- Add a comment stating which product is being listed.
- Add a new <section> and enclose the product details inside (e.g., photo, title, price).
- Add the new product to AmberCart system. Then, add an AmberCart "Add to Cart" product button below the product's price.
- At the top of each HTML category page, add an <h2> element that clearly states that this is a "Demo Store for Learning Purposes Only — Do Not Buy Any Products From This Site."
- Include an open <details> and <summary> tag with an unordered list inside that provides at least four product details for the item being sold.
- Add HighSlide to the product picture, so when customers click on the photo, they see a larger (high-resolution) version of the image.

Upload them for Grading

1. Save all HTML files and upload (via FTP) all needed files to the "Final" folder on your ClassWeb site.
2. Preview the site to make sure everything is working correctly. Then, submit the URL to your course instructor for grading.