

Project #1: Halloween Store

Prof. John P. Baugh – CIS 435 – Fall 2018

Points: _____ / 100

Due: October 12, 2018 at 11:59 p.m.

Instructions

For this assignment, you will create the beginnings of a basic Website for a Halloween store. There will be multiple parts to this, and you must use your knowledge of HTML and CSS to create the page, stylesheet, etc.

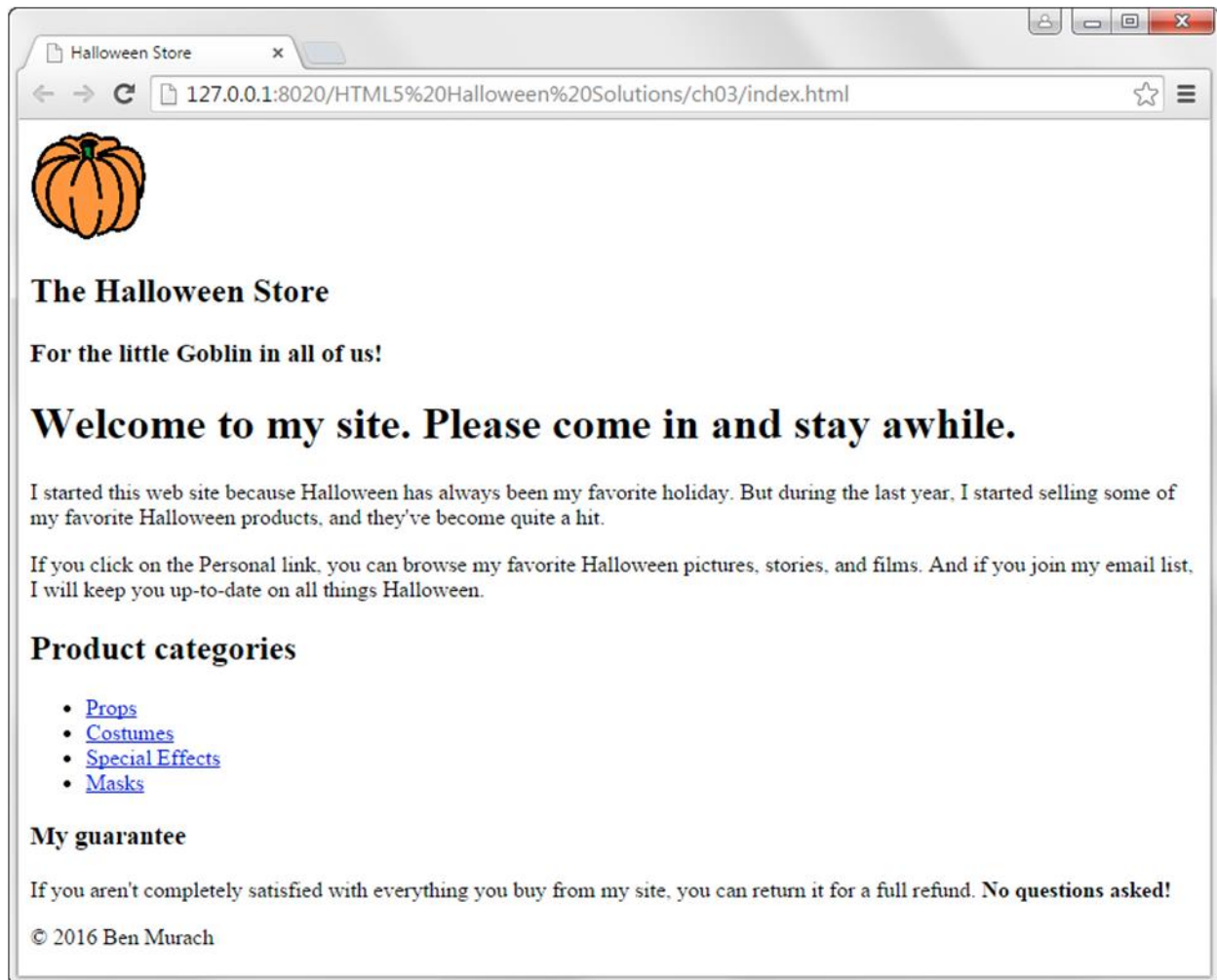
You must also create a test plan with at least **three days** of testing on it. Make sure that the Web page(s) load appropriately in IE or Edge, Mozilla Firefox, and Chrome, minimally. If you are on a Mac, feel free to switch IE/Edge with Safari. But **note** that in industrial level Web development, you should make sure it loads in IE and Edge. Safari is not one of the more popular browsers, compared with the others mentioned here. All four would be even better.

Note that you will be expected to turn in:

- Code for **each** of the parts
 - Although they are cumulative, **you should make a new project** for each one, keeping the project the same as it was at the end of each part, in pt1, pt2, and pt3 folders, for examples
 - Of course, you can copy a project into the new folder and start modifying that copy rather than starting from scratch
- Test cases
 - Each date should have a worksheet (new tab near the bottom of the screen) and be in either .xlsx (Excel) or .pdf format
 - You can use a different spreadsheet/workbook program other than Excel, but must turn in the format specified (.xlsx or .pdf)
- A short analysis of the quality of the Web pages you have made (part 4)
 - Write a paragraph or two for each of the 3 parts
 - Compare and contrast the results
 - This part should be in either .docx or .pdf format

Part 1: Creating the home page

In this exercise, you're going to code the HTML for the home page. When you're through, the page should look like this:



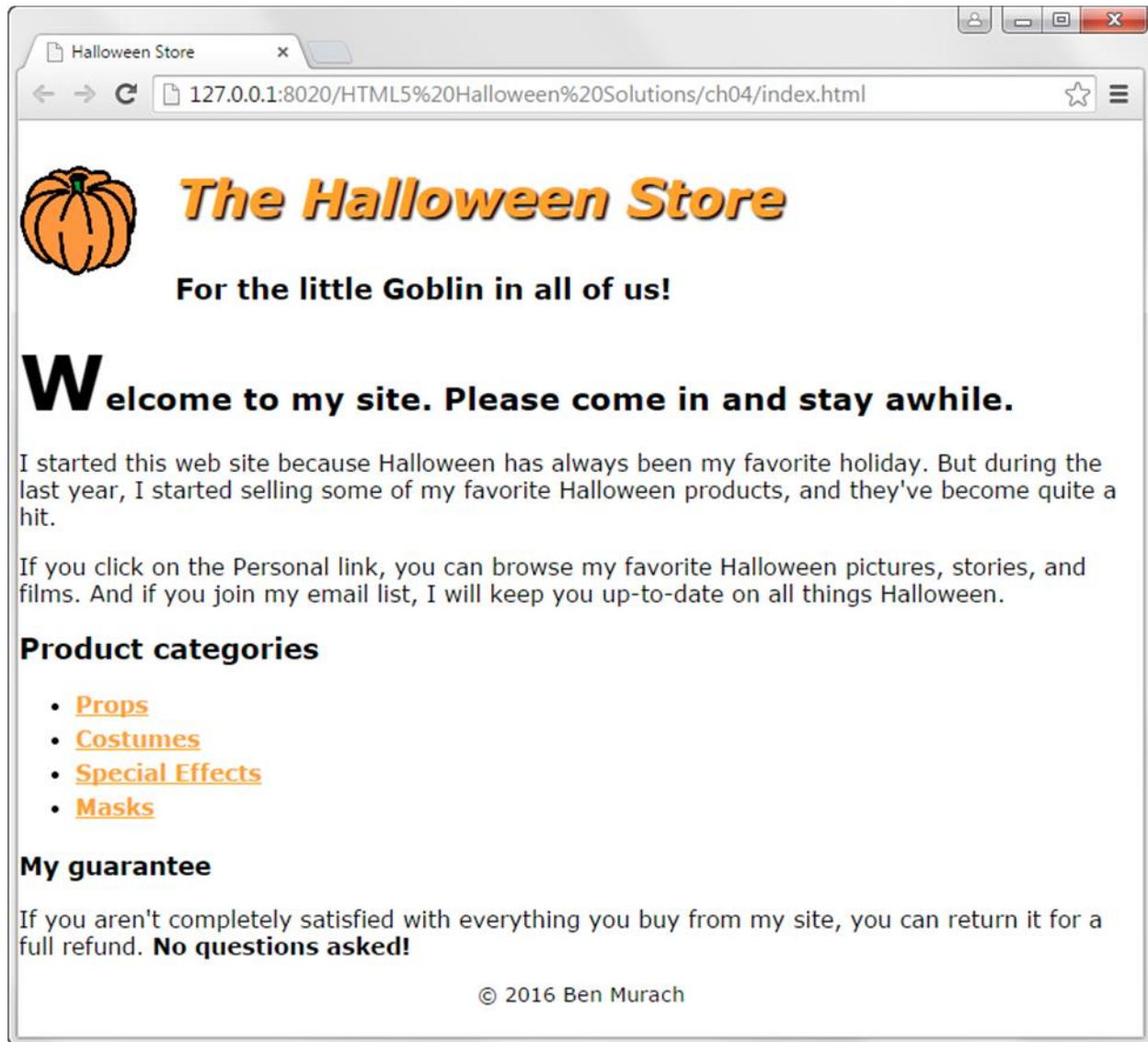
Specifications:

- Create the home page as an **index.html** file. You must include the DOCTYPE, character set indication in the meta tag, and that the language being used is English (for the appropriate attribute in the html opening tag.)
- Add HTML5 semantic elements to structure the page so it includes a header, the main content, and a footer.
- Add an image and two levels of header
 - The image is **pumpkin.gif** and should be in an images folder that you create for your project.
 - Type the text as indicated in the image in the appropriate areas throughout the file.
- Add three levels of headings and the required text for the main content, and boldface the last sentence of the guarantee (using the appropriate text to indicate that this text is strong.)
- Code the product categories as an unordered list with links to other pages.

- Since these pages don't exist, you can name them anything you like.
- However, you should assume that they will be stored in a **products** folder below the folder containing your index.html file.
- Add the required text to the footer, using a character entity for the copyright symbol.

Part 2: Format the home page

In this exercise, you'll create an external style sheet that you can use to format the Halloween Store home page that you created in the previous part. When you're through, the page should look similar to this:

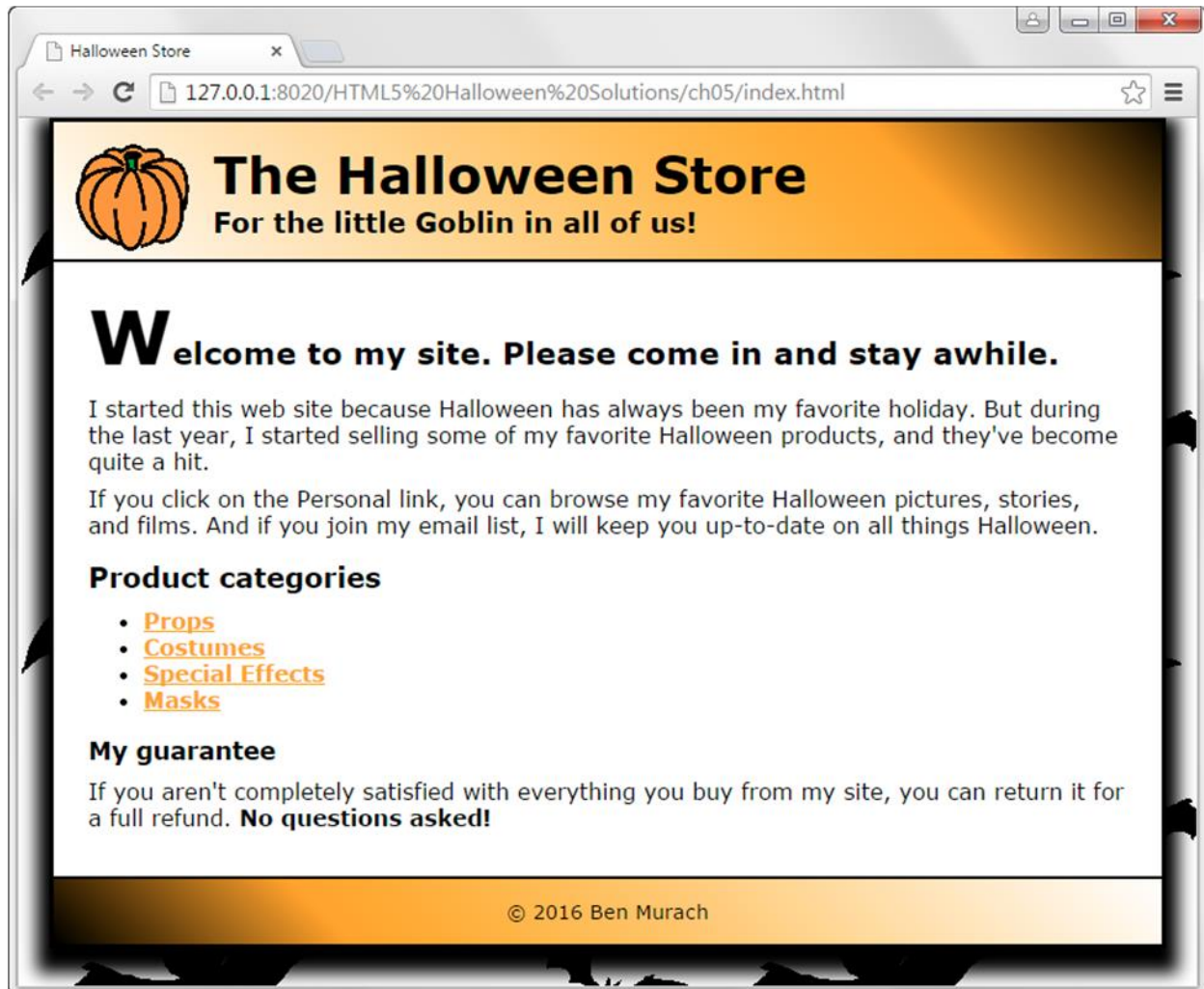


- Create an external style sheet in a styles folder, called **main.css**.
- Set the default font for the document to a sans-serif font.
- Adjust the font sizes for all of the headings.
 - In addition, format the first letter of the first heading in the main content so it's larger than the other letters in the heading.
- In the header, float the image to the left and indent both headings.
 - In addition, change the color of the first heading to orange, italicize it, and add a black shadow.
- Format the links so they're displayed in boldfaced orange whether or not they've been visited.

- If a link has the focus or the mouse is hovering over it though, it should be displayed in green.
- Format the list to increase the space between the list items.
- Reduce the font size for the footer and center it.
- Link the main style sheet that you just created as well as the **normalize.css stylesheet** that you can obtain from the Web
 - <https://necolas.github.io/normalize.css/>

Part 3: Enhance the home page formatting

In this exercise, you'll use the CSS box model to add spacing, borders, and backgrounds to the Halloween Store home page that you formatted in part 2. When you're through, the page should look similar to this:



- Format the body of the page so it's 800 pixels wide, has a white background, has a black border with a shadow, and is centered in the browser window.
- Add a background image behind the body of the page that uses the **bats.gif** file, that you should put in the images folder.
 - This image should repeat both horizontally and vertically.
- Add a black border below the header and above the footer.
- Remove the shadow, italics, and color from the first heading in the header.
- Add a 45-degree gradient to the header and footer.
- The gradient in the header should range from white at the left to orange $\frac{3}{4}$ of the way to the right to black at the right.
- The gradient in the footer should be the reverse.
- Adjust the margins and padding for the elements on the page so it looks as shown above.

Part 4: Quality Assessment

Write a short analysis, comparing and contrasting the three (3) different parts (part 1, part 2, and part 3) where you created the Website. If you were a user of the Website, which of the three is most appealing visually? Assess the visual appeal of each of the three parts in one or two short paragraphs, each.

In general, how does visual appeal affect quality of a Website? Does it affect the habits of the users? What if you are selling something?

Deliverables

Please zip up the top-level folder containing the appropriate HTML, CSS, etc., also containing subfolders for things like styles and images. Include your test plan and analysis document as well. Upload the zip file containing all of these items to the appropriate project directory on Canvas.