

## Lab 2: Cornbread Recipe

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In this lab you will format the included text file into a web page for “Grandma Dorothy’s Florida Cornbread Recipe”. You will partition the elements in the `<body>...</body>` area into three logical areas using the `<header>...</header>`, `<article>...</article>`, and `<footer>...</footer>` tags.

1. Save CornBread.txt as an HTML file and add your initials between the word Bread and the period.
2. Enclose the text from the file in the `<body>...</body>` area of an HTML 5 document, complete with the codes to specify the language as English and the character set as 8 bit Unicode.
3. You will also put the text “Grandma Dorothy’s Cornbread” in the title bar.
4. Put a comment containing your name and the date in the head section. Files containing the incorrect name will be assumed to have been copied and both persons will receive a zero.
5. First thing in the beginning of the body section, mark off a header region using the `<header>...</header>` pair of tags. Inside the header section, put the text “Grandma Dorothy’s Florida Cornbread Recipe” as a heading one `<h1>...</h1>` element.
6. At the bottom of the body section, put the text (c) 2015 Dorothy G., used with permission.” Inside a citation, inside of a paragraph, inside of a footer region using the `<cite>...</cite>`, `<p>...</p>` and `<footer>...</footer>` pairs of tags.
7. Replace the “(c)” text in the footer region with the character entity code `&copy;`
8. Define an article `<article>...</article>` around all remaining text between the header and footer regions.
9. Replace all occurrences of the text 1/2 with the character entity code `&half;` or `&frac12;`
10. Replace the word degrees in the first direction with the character entity code `&deg;`
11. Create a `<figure>...</figure>` element just under the `<h1>...</h1>` element. Inside the `<figure>...</figure>`, put an `<img>` tag that contains the source file “cornbread.jpg”, with the ALT property set “cornbread in pan”. Also inside the figure, insert a `<figcaption>...</figcaption>` tag which contains the text “Serve in the Hot Pan”.
12. Put the text “Ingredients:” and “Directions:” in heading two `<h2> ...</h2>` elements.
13. Convert the list of ingredients into an unordered list `<ul>...</ul>`, enclosing each individual item in a list item `<li>...</li>`.
14. Convert the list of directions to an ordered list `<ol>...</ol>`, enclosing each step in a list item `<li>...</li>`.
15. Insert a style rule to make the **body** element have left and right margins of **2rem**, and a background color of **lightyellow**.
16. Insert a style rule to make the **header** element have a **bottom border** of **solid cornflowerblue 2px** and a **text align** property of **center**.
17. Insert a style rule to have the **footer** element have a clear attribute of both, a **top border** of **solid cornflowerblue 2px** and a **text align** property of **center**, and a **font size** of **smaller**.
18. Insert a style rule to make **paragraphs** inside **footers** have a **margin-top** equal to **0.5rem**.
19. Insert a style rule to make h1 & h2 elements **CornflowerBlue** colored.
20. Insert a style rule to make **figure** elements **float** to the **right**.
21. Insert a style rule to make images `<img>` have a **border** of **solidblack 2px**, a **height** of **200px**, and a **width** of **300px**;
22. Insert a style rule to make `<figcaption>` elements have **text align** of **center** and a **font size** of **smaller**;
23. **EXTRA CREDIT:** Use Google Fonts to add a thematically appropriate font to the `<h1>` and `<h2>` elements.
24. Please zip your html file and the image file together and turn it in in the correct dropbox online.

## Grandma Dorothy's Florida Cornbread Recipe

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### Ingredients:

- 1 ½ cups plain yellow cornmeal
- 1 ½ cups self-rising flour
- 1 teaspoon baking powder
- ½ teaspoon baking soda
- Pinch of salt
- 2 large eggs, beaten
- 1 ½ cups buttermilk
- 6 tablespoons bacon dripping or melted butter, divided



Serve in the Hot Pan

### Directions:

1. Preheat the oven to 375° Fahrenheit.
2. Combine the dry ingredients in a large mixing bowl and blend well.
3. Add the eggs, buttermilk, and 3 tablespoons of bacon drippings and stir till smooth.
4. Heat the remaining 3 tablespoons of bacon drippings in a 9 inch cast iron skillet over a medium heat for one minute till hot but not smoking. Shake the pan to uniformly coat the bottom.
5. Pour the cornbread batter into the hot skillet.
6. Bake for 20 minutes, till brown on top and crispy brown on the bottom.