

INT150 Lab 7: Formatting Text (CSS) (2/2024)

1. Download [menu7.html](#).
2. Open the [menu7.html](#) in the browser. It should look like the picture below:



3. Open VS Code editor > Open the menu7.html.

Formatting a menu

4. Set the main text to appear in **Verdana** or some other **sans-serif** font. Instead of writing a rule for every element in the document, write one rule for the **body** element that will inherited by all elements it contain. Add this rule to the embedded style sheet in `<style> ... </style>` in the **head** of the document, like this:

```
<style>
  body {
    font-family: Verdana, sans-serif;
  }
</style>
```

5. Set a fancy font for the “Black Goose Bistro, Summer Menu” heading. Choose a free display font called “Marko One” from Google Web fonts (www.google.com/webfonts). Google provide the code for linking the font file on their server to HTML files. Copy the code and place in the head of document as follows:

```
<head>
  <meta charset="utf-8">
  <title>Black Goose Bistro Summer Menu</title>
  <link href='http://fonts.googleapis.com/css?family=Marko+One' rel='stylesheet'>
  <style>
```

6. Write a rule that applies it to the `h1` element. Notice Georgia or another serif font as a list “back-up” fonts:

```
body {  
  font-family: Verdana, sans-serif;  
}  
  
h1 {  
  font-family: "Marko One", Georgia, serif;  
}
```

7. Save the document and reload the page in the browser. It should look like as below:

Black Goose Bistro • Summer Menu
Baker's Corner, Seekonk, Massachusetts
Hours: Monday through Thursday: 11 to 9, Friday and Saturday: 11 to midnight
Appetizers
This season, we explore the spicy flavors of the southwest in our appetizer collection.
Black bean purses
Spicy black bean and a blend of mexican cheeses wrapped in sheets of phyllo and baked until golden. \$3.95
Southwestern napoleons with lump crab — **new item!**
Layers of light lump crab meat, bean and corn salsa, and our handmade flour tortillas. \$7.95
Main courses
Big, bold flavors are the name of the game this summer. Allow us to assist you with finding the perfect wine.
Jerk rotisserie chicken with fried plantains — **new item!**
Tender chicken slow-roasted on the rotisserie, flavored with spicy and fragrant jerk sauce and served with fried plantains and fresh mango. **Very spicy.** \$12.95
Shrimp sate kebabs with peanut sauce
Skewers of shrimp marinated in lemongrass, garlic, and fish sauce then grilled to perfection. Served with spicy peanut sauce and jasmine rice. \$12.95
Grilled skirt steak with mushroom fricasee
Flavorful skirt steak marinated in asian flavors grilled as you like it*. Served over a blend of sauteed wild mushrooms with a side of blue cheese mashed potatoes. \$16.95
* We are required to warn you that undercooked food is a health risk.

Setting font Size

8. There are many approaches to sizing text on web pages. One way is to set the `font-size` of the body element to `100%`.

```
body {  
  font-family: Verdana, sans-serif;  
  font-size: 100%;  
}
```

9. The browser default of 16 pixels is a fine size for the main page text. To set the appearance of the heading level to be 24 pixels or one and a half times larger than the body text ($24/16=1.5$). Thus, add a new rule that set the size of the `h1` to `1.5em` or `150%` as follows:

```
h1 {  
  font-family: "Marko One", Georgia, serif;  
  font-size: 1.5em ;  
}
```

10. Make the **h2** the same size as the body

```
h2 {  
  font-size: 1em ;  
}
```

Making text bold and italic

11. Set all of the menu item names to be **bold** text by applying a style to the **dt** (**definition term**) element to make them all bold. Add this rule to the end of the style sheet, save the file and see it in the browser:

```
dt {  
  font-weight: bold ;  
}
```

12. Now that all the menu item names are **bold**. Some of text marked as strong isn't standing out very well. Thus, we should make them **italic** for further emphasis. To do this, simply apply the **font-style** property to the **strong** element:

```
strong {  
  font-style: italic ;  
}
```

13. Save and reload. It should look like the picture shown below:

Black Goose Bistro • Summer Menu

Baker's Corner, Seekonk, Massachusetts

Hours: Monday through Thursday: 11 to 9, Friday and Saturday: 11 to midnight

Appetizers

This season, we explore the spicy flavors of the southwest in our appetizer collection.

Black bean purses

Spicy black bean and a blend of mexican cheeses wrapped in sheets of phyllo and baked until **golden**. \$3.95

Southwestern napoleons with lump crab — *new item!*

Layers of light lump crab meat, bean and corn salsa, and our handmade flour tortillas. \$7.95

Main courses

Big, **bold** flavors are the name of the game this summer. Allow us to assist you with finding the perfect wine.

Jerk rotisserie chicken with fried plantains — *new item!*

Tender chicken slow-roasted on the rotisserie, flavored with spicy and fragrant jerk sauce and served with fried plantains and fresh mango. **Very spicy**. \$12.95

Shrimp saté kebabs with peanut sauce

Skewers of shrimp marinated in lemongrass, garlic, and fish sauce then grilled to perfection. Served with spicy peanut sauce and jasmine rice. \$12.95

Grilled skirt steak with mushroom fricasee

Flavorful skirt steak marinated in asian flavors grilled as you like it². Served over a blend of sauteed wild mushrooms with a side of blue cheese mashed potatoes. \$16.95

* We are required to warn you that undercooked food is a health risk.

Using the shorthand font property

14. To save space, we can replace all the **font** properties we've specified for the **h1** element with **one declaration** with the shorthand **font** property:

```
h1 {  
  font: bold 1.5em "Marko One", Georgia, serif;  
}
```

Using selectors

This time, we'll add a few more style rules using [descendant](#), [ID](#), and [class](#) selectors combined with the [font](#) and [color](#) properties.

15. Add some attention-getting color to the “[new item!](#)” elements next to certain menu item names. They are marked up as [strong](#), so we can apply the [color](#) property to the [strong](#) element. Add this rule to the embedded style sheet, save the file and reload it in the browser:

```
strong {  
    font-style: italic ;  
    color: tomato ;  
}
```

That worked, but now the [strong](#) element “[Very spicy](#)” in the description is “[tomato](#)” red too, and that’s not what to be. The solution is to use [contextual selector](#) that targets only the [strong](#) elements that appear in [dt](#) elements. Remove the color declaration from the strong element rule, and create a new rule that targets only the [strong](#) elements within [definition list terms](#):

```
strong {  
    font-style: italic ;  
    color: tomato; /* remove this line */  
}  
dt strong {  
    color: tomato ;  
}
```

16. Look at the document source, and you will see that the content has been divided into three unique [divs](#): [info](#), [appetizers](#), and [entrees](#). We can use these to our advantage when it comes to styling. For now, let’s do something simple and apply a [teal](#) color to the text in the [div](#) with ID “[info](#)”. Because [color](#) inherits, we need to apply the property only to the [div](#) and it will be pass down to the [h1](#) and [p](#):

```
#info {  
    color: teal ;  
}
```

17. Now let’s get a little fancier and make the paragraph inside the “[info](#)” section [italic](#) in a way that doesn’t affect the other paragraphs on the page. Again, a [contextual selector](#) is the answer. This rule selects only [paragraphs](#) contained within the “[info](#)” section of the document:

```
#info p {  
    font-style: italic ;  
}
```

18. To give special treatment to all of the **prices** on the menu. Fortunately, they have all been marked up with **span** elements:

```
<span class="price">$3.95</span>
```

So now all we have to do is write a rule using a **class** selector to change the **font** to **Georgia** or some **serif** font, make the prices **italic**, and **gray** them back:

```
.price {  
  font-family: Georgia, serif;  
  font-style: italic;  
  color: gray;  
}
```

19. Similarly, in the “**info**” **div**, to change the appearance of the **spans** that have been marked up as belonging to the “**label**” **class** to make the labels stand out:

```
.label {  
  font-weight: bold;  
  font-variant: small-caps;  
  font-style: normal;  
}
```

20. Finally, there is a warning at the bottom of the page that you can make it **small** and **red**. It has been given the class “**warning**”, so use that **class** as a selector to target just that paragraph for styling.

```
p.warning {  
  font-size: small;  
  color: red;  
}
```

21. Save the file and try it out in the browser.

Black Goose Bistro • Summer Menu

Baker's Corner, Seekonk, Massachusetts

HOURS: MONDAY THROUGH THURSDAY: 11 to 9, FRIDAY AND SATURDAY: 11 to midnight

Appetizers

This season, we explore the spicy flavors of the southwest in our appetizer collection.

Black bean purses

Spicy black bean and a blend of mexican cheeses wrapped in sheets of phyllo and baked until golden. \$3.95

Southwestern napoleons with lump crab — *new item!*

Layers of light lump crab meat, bean and corn salsa, and our handmade flour tortillas. \$7.95

Main courses

Big, bold flavors are the name of the game this summer. Allow us to assist you with finding the perfect wine.

Jerk rotisserie chicken with fried plantains — *new item!*

Tender chicken slow-roasted on the rotisserie, flavored with spicy and fragrant jerk sauce and served with fried plantains and fresh mango.

Very spicy. \$12.95

Shrimp sate kebabs with peanut sauce

Skewers of shrimp marinated in lemongrass, garlic, and fish sauce then grilled to perfection. Served with spicy peanut sauce and jasmine rice. \$12.95

Grilled skirt steak with mushroom fricasee

Flavorful skirt steak marinated in Asian flavors grilled as you like it*. Served over a blend of sauteed wild mushrooms with a side of blue cheese mashed potatoes. \$16.95

* We are required to warn you that undercooked food is a health risk.

22. Add a global changes to the `body` element. Change the `font-family` to `Georgia` that would be more sophisticated and appropriate for a bistro menu and use the `line-height` property to open up the text lines and make them easier to read. Make these updates to the `body` style, as shown:

```
body {  
  font-family: Georgia, sans-serif;  
  font-size: 100%;  
  line-height: 1.75em;  
}
```

23. Redesign the header section of the document. Remove the `teal` color setting by deleting that whole rule. Then, make the `h1` `olive green` and the paragraph in the header `gray`.

```
#info { /* delete */  
  color: teal;  
}  
  
h1 {  
  font: bold 1.5em "Marko One", Georgia, serif;  
  color: olive;  
}  
  
#info p {  
  font-style: italic;  
  color: gray;  
}
```

24. Next, make a fancy print menu by making a few key elements to `center` on the page using the `text-align` property. Write a rule with a grouped selector to `center` the `headings` and the `info` section.

```
h1, h2, #info {  
  text-align: center;  
}
```

25. Make the “Appetizer” and “Main Courses” h2 headings kind of special. Instead of large, bold type, use all uppercase letters, extra letter spacing, and color to call attention to the headings. Here’s the new rule for h2 elements that includes all these changes.

```
h1 {
  font: bold 1.5em "Marko One", Georgia, serif;
  color: olive;
}
h2 {
  font-size: 1em;
  text-transform: uppercase;
  letter-spacing: .5em;
  color: olive;
}
```

26. Make those paragraphs right after the h2 headings. Let’s center those too and make them italic.

```
h1, h2, #info {
  text-align: center;
}
h2 + p {
  text-align: center;
  font-style: italic;
}
```

27. Next, add a softer color “sienna” to the menu item names (in dt elements). Note that the strong elements in those dt elements stay tomato red because the color applied to the strong elements overrides the color inherited by their parents.

```
h2 {
  font-size: 1em;
  text-transform: uppercase;
  letter-spacing: .5em;
  color: olive;
}
dt {
  font-weight: bold;
  color: sienna;
}
strong {
  font-style: italic;
}
dt strong {
  color: tomato;
}
```

28. Finally, Add a drop **shadow** under the **h1** heading.

```
h1 {  
  font: bold 1.5em "Marko One", Georgia, serif;  
  color: olive;  
  text-shadow: .1em .1em .2em lightslategray;  
}
```

29. Save the file and try it out in the browser.

Black Goose Bistro • Summer Menu

Baker's Corner, Seekonk, Massachusetts
HOURS: MONDAY THROUGH THURSDAY: 11 to 9, FRIDAY AND SATURDAY: 11 to midnight

APPETIZERS

This season, we explore the spicy flavors of the southwest in our appetizer collection.

Black bean purses
Spicy black bean and a blend of Mexican cheeses wrapped in sheets of phyllo and baked until golden. *\$8.95*

Southwestern napoleons with lump crab — new item!
Layers of light lump crab meat, bean and corn salsa, and our handmade flour tortillas. *\$7.95*

MAIN COURSES

Big, bold flavors are the name of the game this summer. Allow us to assist you with finding the perfect wine.

Jerk rotisserie chicken with fried plantains — new item!
Tender chicken slow-roasted on the rotisserie, flavored with spicy and fragrant jerk sauce and served with fried plantains and fresh mango. **Very spicy.** *\$12.95*

Shrimp saté kebabs with peanut sauce
Skewers of shrimp marinated in lemongrass, garlic, and fish sauce then grilled to perfection. Served with spicy peanut sauce and jasmine rice. *\$12.95*

Grilled skirt steak with mushroom risotto
Flavorful skirt steak marinated in Asian flavors grilled as you like it*. Served over a blend of sautéed wild mushrooms with a side of blue cheese mashed potatoes. *\$16.95*

* We are required to warn you that undercooked food is a health risk.

30. When you finish, rename the “**menu7.html**” to xxxxxxxxxxxx.html (xxxxxxxxxxx is your student id) and upload to LEB2.