

Lab 6-1: Styling with CSS

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6.1 Prepare

Create Lab6-1 directory in the lab exercise project.

6.2 Embedded style

6.2.1 Create Fizzics1.html (no style sheet)

You can copy the following code so that you don't have to re-enter. Note that choose View → Code and Design to see both code and its preview as in the browser.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<HEAD>
  <TITLE>New Advances in Physics</TITLE>
</HEAD>
<BODY>
  <H1>New Advances in Physics</H1>
  <H2>Turning Gold into Lead</H2>
  In a startling breakthrough, scientist B.O. "Gus" Fizzics has
  invented a <STRONG>practical</STRONG> technique for transmutation!
  For more details, please see <A HREF="give-us-your-gold.html">our
  transmutation thesis</A>.
  <H2>Perpetual Inactivity Machine</H2>
  In a radical approach that turned traditional attempts to develop
  perpetual motion machines on their heads, Prof. Fizzics has
  developed a verified, bona fide perpetual inaction machine. To
  purchase your own for only $99.00 (plus $43.29 shipping and
  handling), please see our order form.
</BODY>
</HTML>
```

```

1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
2 <HTML>
3 <HEAD>
4   <TITLE>New Advances in Physics</TITLE>
5 </HEAD>
6 <BODY>
7   <H1>New Advances in Physics</H1>
8   <H2>Turning Gold into Lead</H2>
9   In a startling breakthrough, scientist B.O. "Gus" Fizzics
10  has invented a <STRONG>practical</STRONG> technique for
11  transmutation! For more details, please see
12  <A HREF="give-us-your-gold.html">our transmutation thesis</A>.
13  <H2>Perpetual Inactivity Machine</H2>
14  In a radical approach that turned traditional attempts to develop perpetual
15  motion machines on their heads, Prof. Fizzics has developed a verified,
16  bona fide perpetual inaction machine. To purchase your own for only $99.00
17  (plus $43.29 shipping and handling), please see our order form.
18 </BODY>
19 </HTML>

```

New Advances in Physics

Turning Gold into Lead

In a startling breakthrough, scientist B.O. "Gus" Fizzics has invented a **practical** technique for transmutation! For more details, please see [our transmutation thesis](#).



6.2.2 Save as Fizzics2.html

Add `<STYLE TYPE="text/css"> ... </STYLE>` to the HEAD part of the Fizzics1.html as the following, observe the result. Download the confetti-background.jpg and put it in the images directory.

```

1 <!--
2 <HEAD>
3 <TITLE>Document Title</TITLE>
4 <STYLE TYPE="text/css">
5   <!--
6     BODY { background: url(images/confetti-background.jpg)}
7     H1 {
8       text-align: center;
9       font-family: Aharoni;
10    }
11    H2 { font-family: "Segoe Script"}
12    STRONG { text-decoration: underline }
13   -->
14 </STYLE>
15 </HEAD>

```

Result:

New Advances in Physics

Turning Gold into Lead

In a startling breakthrough, scientist B.O. "Gus" Fizzics has invented a **practical** technique for transmutation! For more details, please see [our transmutation thesis](#).

Perpetual Inactivity Machine

In a radical approach that turned traditional attempts to develop perpetual motion machines on their heads, Prof. Fizzics has developed a verified, bona fide perpetual inaction machine. To purchase your own for only \$99.00 (plus \$43.29 shipping and handling), please see our order form.

6.3 External style

6.3.1 Cabinets.html

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
2 <HTML>
3 <HEAD>
4   <TITLE>Joe's Cabinets</TITLE>
5   <LINK REL=STYLESHEET HREF="Cabinets.css" TYPE="text/css">
6 </HEAD>
7 <BODY>
8   <CENTER>
9     <TABLE WIDTH=360 HEIGHT=199>
10      <TR><TD ALIGN="CENTER" CLASS="banner">Joe's Cabinets
11    </TABLE>
12  </CENTER>
13  <P> The <B>margin</B> is where the bricks show through.
14    The <B>border</B> is the solid black line.
15    The <B>padding</B> is the space around the text in the
16    bond-paper background. </P>
17  <H1> Welcome to Joe's Cabinets. We specialize in </H1>
18  <UL>
19    <LI>Custom Cabinets
20    <LI>Kitchen Remodeling
21  </UL>
22 </BODY>
23 </HTML>
```

6.3.2 Cabinets.css

```
1 H1 {
2     text-align: center
3 }
4 P { margin: 0.25in;
5     border: 0.25in solid black;
6     padding: 0.25in;
7     background: URL(images/bond-paper.jpg)
8 }
9 BODY {
10     background: URL(images/bricks.jpg)
11 }
12 .banner {
13     background: url(images/boards.jpg) repeat-x;
14     font-size: 50pt;
15     font-family: Arial Rounded MT Bold
16 }
```

6.3.3 Result



6.4 Text properties

6.4.1 Bates.html

You can copy the following code:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<HEAD>
```

```
<TITLE>An Open Letter to the IRS</TITLE>
<LINK REL=STYLESHEET HREF="Bates.css" TYPE="text/css">
</HEAD>
<BODY BACKGROUND="images/bond-paper.jpg">
<P CLASS="rhead">
April 1, 2001
<HR>
<P CLASS="rhead">
William A. Bates<BR>
Macrosoft Corporation<BR>
Blumond, WA 12345
<P CLASS="lhead">
Internal Revenue Service<BR>
Philadelphia, PA 67890
<P>
<BR>
Dear Sirs,
<P CLASS="body">
I am writing to inform you that, due to financial difficulties, I will be
unable to pay my taxes this year.
<P CLASS="body">
You see, my company has had reduced profits this year. In fact gross
revenues have now dropped below the GDP of <B>twelve</B> foreign
countries! Given this intolerable situation, I am sure you will
understand.
<H2 ALIGN="CENTER">
The 23rd Psalm (King James Version)</H2>
<SPAN>T</SPAN>he LORD is my shepherd; I shall not want.
<P> He made me to lie down in green pastures: he led me beside the still
waters. He restoreth my soul: he leadeth me in the paths of righteousness
for his name's sake. Yea, though I walk through the valley of the shadow
of death, I will fear no evil: for thou art with me; thy rod and thy
staff they comfort me. Thou preparest a table before me in the presence
of mine enemies: thou anointest my head with oil; my cup runneth over.
Surely goodness and mercy shall follow me all the days of my life: and I
will dwell in the house of the LORD for ever.
<P CLASS="foot">
Sincerely,<BR>
William A. Bates
</BODY>
</HTML>
```


6.4.2 Bates.css

```
1 SPAN { float: left;  
2     font-family: "Cushing Book";  
3     font-size: 75pt }  
4 P { margin-top: 5px }  
5 P.rhead { text-align: right;  
6     margin-right: 0.5in;  
7     font-family: sans-serif }  
8 P.lhead { font-family: sans-serif }  
9 P.body { text-align: justify;  
10     text-indent: 0.5in }  
11 P.foot { margin-left: 60%;  
12     line-height: 300% }
```

6.4.3 Result

