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<!DOCTYPE HTML>
<html lang="en">
<meta charset="UTF-8">
<Title> Francois Couture </title>
<head>
<link rel="stylesheet" href="p-h-style.css">

</head>

<body>

  <header id="h-high">
    <div id="h-emblem">
      <a href="../index.html">
        
      </a>
    </div>
    <div class="n-btns">
      <ul>
        <li class="n-btn n-reg" id="n-abt"><a href="#About">About</a>
          <div class="dd-nav" id="dd-abt">
            <a href="../index.html">Home</a>
            <a href="../about/education.html">Education</a>
            <a href="../about/experience.html">Experience</a>
            <a href="../about/resume.html">Resume</a>

          </div>
        </li>
        <li class="n-btn n-reg" id="n-prog"><a href="#Programming">Programming</a>
          <div class="dd-nav" id="dd-prog">
            <a href="python.html">Python</a>
            <a href="java.html">Java</a>
            <a href="c.html">C (Language)</a>
            <a href="assembly.html">Assembly</a>
            <a href="html.html">HTML</a>
            <a href="design.html">Circuit Design</a>
          </div>
        </li>

        <li class="n-btn n-special"><a
href="mailto:Couturefrancois97@hotmail.com">Contact&nbsp;me</a></li>

      </ul>
    </div>

  </header>

  <div id="arr-i">
    
  </div>

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<section id="s-main">
  <div class="s-head" id="sh-1">
    website HTML
  </div>
  <div class="s-head" id="sh-2">
    website CSS
  </div>
  <div class="s-head" id="sh-3">
    website Javascript
  </div>

  <div class="s-content" id="sc-1">
    <h1>website HTML</h1>
    <div class="s-right">
      
      <p>Coming up with the idea of the website, I wanted it to have a few key
traits. It should be thinner than the
      window, have drop down navigation bar and a low-profile body. Originally,
there was supposed to be a solid
      content body, but it was changed as it was too obtrusive. The concept was
recycled to use shades, which
      works great with the depth "feel" I'm going for.<br>
      In addition, there is a main division that encapsulates the heads and
contents not present in the sketch.</p>
      <p>The project began with the header. I use invisible drop-down navigation
options that only become visible
      when the user decides to hover over the buttons. The active becomes
shaded, and I use javascript to
      time the shading of the submenus. Easy!</p>
      <p>I eventually had the idea of hiding the header bar as the user scrolled
down. By hiding the bar, it would leave
      the user with more space to see the website. When the user scrolls down,
the code is triggered to raise the bar
      "outside" of the browser. When scroll bar is at the top, it comes back
into view. Neat!<br>
      A little image of an arrow pointing down also becomes visible,
indicating that, at any time, the user can decide
      to lower the bar down without having to scroll back up.</p>
      <p>To promote my stuff, I used folder tabs and bodies. That way, I can use
less web pages and flex some javascript
      muscle.</p>

    </div>
    <h3><i>Interested in the code?</i> Here it is:</h3>
    <object">
      <iframe src="html.txt" width="100%" height="500px" frameborder="0"
type="text/html" alt="html"></iframe>
      <p><a href="../../embed/html.pdf"><u>Download Instead</u></a></p>
    </object>
  </div>
  <div class="s-content" id="sc-2">
    <h1>website CSS</h1>
    <div class="s-right">
      
      <p>In the body section, some elements are set to default values. I removed
the margins, the default font is
      Arial and sans-serif in black unless otherwise stated. Right now, all of
the pages use their own version
      of headers and footers. I should change that so that there's only one

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file of headers and footers that each page will use instead of the current repetition. It would make editing a lot easier, but I'm worried about potential conflicts.

For starters, I had to make sure the header bar was well above the rest of the page. It is hard-coded to 9, making it the most elevated object on the webpage. If at any point the user should desire to drop down the header, it will always be above the other contents on the page.

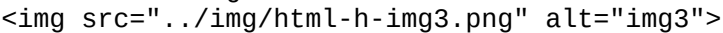
I had initially wanted an opacity transition at the bottom of the contents page. This is a little ambitious for the moment. I had too much trouble making it work with footer that's at the bottom of the page. The idea is being shelved for another website.

Interested in the code? Here it is:

`<iframe src="p-h-style.css" width="100%" height="500px" type="text/html" frameborder="0" alt="css"></iframe>`

`<p><u>Download Instead</u></p>`

website Javascript



The "folder" look for different categories was a novel concept to me. It uses different content bodies that turn invisible based on which head is active. It turned out it was possible to do so by exploiting z indices: the active head matches the height of the content page and act as the top of the pyramid. The heads next to it have their heights stepped down.

To do this, I had to first tell javascript to change the mouse to a "pointer" to indicate the head is clickable. That is, all of them except for the one that is active! Once a head is clicked, the `<i>switchTab</i>` function is done and the appropriate content page becomes visible.

The illusion of height is even accentuated by my choice of shading! The active heads now simulate depth and interactivity someone would feel sifting through their folder cabinet.

I thought there was going to be some problems with the borders once the head and content came to the same level. Lucky for me, both borders dissapeared, giving way to a seamless merge of both div bodies.

Interested in the code? Here it is:

`<iframe src="p-script.js" width="100%" height="500px" type="text/html" frameborder="0" alt="java"></iframe>`

`<p><u>Download Instead</u></p>`

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</footer>

<script src="p-script.js"></script>
</body>

</html>