Using Frames
CSC 105 Handout 3/24/05

A Simple Set of Frames:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Frameset//EN"
"http://www.w3.org/TR/xhtml1/DTD/frameset.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <title>Frames Example</title>
</head>

<frameset cols="30%,*">
  <frame name="toc" scrolling="auto" src="ftoc.html" />
    <frameset rows="118,*">
      <frame name="header"
        src="http://www.smith.edu/vid/images/logolarge.gif" scrolling="no" />
      <frame name="fbody" src="blank.html" />
    </frameset>
  <noframes>
    <p>This browser doesn't understand frames.  Click <a
      href="ftoc.html">here</a> for the table of contents.</p>
  </noframes>
</frameset>
</html>
```

Comment: Note that we specify the frameset DTD here, to let the browser know what to expect.

Comment: Instead of a <body> tag we have a <frameset>.

Comment: A single frameset can divide according to rows or cols, but not both.

Comment: Specify the width of the frames here. Each width specification should have a corresponding <frame> or nested <frameset> below.

Comment: The frame's name is used later to identify link targets.

Comment: The src specifies what conntent should be loaded into the frame to start.

Comment: Here we have a nested <frameset>, which divides the right-hand column into two rows.

Comment: The <noframes> tag encloses alternate content that can be displayed by browsers that don't implement frames. There should always be exactly one <noframes> tag per frame document, within the outermost frameset.

Contents of one Frame (ftoc.html):

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Table of Contents</title>
<base target="fbody">
</head>
<body>
<h4>Examples Table of Contents</h4>
<ol>
     <li><a href="skel.html">A skeletal HTML document</a></li>
     <li><a href="samp1.html">A more fleshed-out HTML document</a></dt></li>
     <li><a href="samp2.html">Some additions to the example above</a></li>
     <li>A web page <a href="style.html">with style</a> and
             <a href="nostyle.html">without</a></li>
     <li>The <a href="../csc105.html">course home page</a> with
             <a href="../csc105.nostyle.html">no style</a> or
             <a href="../csc105.altstyle.html">alternate style</a></li>

     <!-- Items omitted to save space... -->

     <li><a href="dragging.html">Draggable content (Netscape only)</a></li>
  </ol>
</body>
</html>
```

Comment: This is a standard .html file that will appear in one of the frames (specifically, the left-hand one in the frameset above). Anything that can go in a browser window can go in a frame.