

Milestone #1
CpSc 481/681: Skills for Visual Computing
School of Computing
Clemson University
Using an editor to create a file
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The purpose of this milestone is to help you to become familiar with command-driven computing, to become familiar with an editor of your choice, and to become familiar with file creation. Thus, your assignment is to use an editor to create a web page that contains:

1. The basic elements described below.
2. An image of your creation.
3. A link to enable download of the compressed directory for your web page.

We described the basic elements of a web page during lecture on Monday, August 24th; at that time, we developed a web page with the following elements:

```
<html>
<head>
  <title>
    This is my first web page
  </title>
</head>
<body>
This is IT!
</body>
</html>
```

You should use an editor to create a file with a suffix of `.html`, and then type in the commands listed above for the basic elements. You will also have to use a tool to build an image, for example *gimp*. Then, incorporate your image into your

web page using the html elements required to display your image onto the page; I'll demonstrate these elements during lecture this week. Finally, place a hyperlink on your web page that permits the viewer to download the compressed directory containing your web page; you should place the compressed directory for your web page in a subdirectory of your web page directory, and add an html hyperlink to enable download of that file.

I will demonstrate all of this during lectures on August 26th and perhaps on August 28th. Obviously, you cannot use an html editor or web page builder such as *Dreamweaver*, since that would defeat the purpose of the milestone.

In order to receive full credit for this assignment, your solution must be submitted, using the `handin` command, by 8 AM, Monday, August 31st, 2009. To submit your solution, please zip your directory and submit your entire compressed directory using the *handin* command. In lecture, I will demonstrate two methods for compressing a directory, *zip* and *tar*, and I will show you how to use the `handin` command. The syntax of the *zip* and *tar* commands is:

```
zip -r <dir>.zip <dir>
tar -zcvf <dir>.tar.gz <dir>
```

And the syntax for the `handin` command is:

```
handin.481.1 1 <compressed directory name>
```

Where `handin.481.1` means that you are using the `handin` command for CpSc 481, Section 1. The first 1 means that this is the first milestone and `<compressed directory name>` is the name of the directory that you compressed using either *zip* or *tar*.

Good luck with the assignment, and I hope that this milestone helps you to become more comfortable with the unix environment.