

CS 140-01, Homework 1

Due: Oct 04, 2017 6.00pm

Homework Overview

- Learn HTML and make a Webpage
- Learn how to use Eclipse

Step 1: Claim CPP Web Space

1. After you claim your Bronco ID account, you can login to Cal Poly Pomona Online Services and then move to [Identify Management Services](#). Look at your My Control Panel “account” tab and claim your Web Space from there. If you have any questions, contact university [IT help desk](#). **Remember to create a network password; you need this to map your network drive in your PC or to login to CPP wifi network.**

Step 2: Create a simple HTML page

2. Windows/Mac
 - Java 8 JRE/JDK. Download Java 8 JDK
<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
 - Integrated Development Environment (IDE): Eclipse 4.7 (Oxygen). Download Eclipse IDE for Java EE Developers
<http://www.eclipse.org/downloads/packages/eclipse-ide-java-ee-developers/oxygenr>
3. Start (or Launch) Eclipse
4. **Important!** Just after the Eclipse banner, you will see a window asking you to select the eclipse workspace. You can create your own workspace location or leave it to create at the default location.
5. Eclipse will start. Close any welcome messages.
6. Some of the assignments in this quarter will be in the form of an Eclipse project. In this homework, you will create a simple one.
7. To create a new project, click on *File* (top left of your eclipse window) and follow *File -> New -> Project*. to click on *Project*.
8. A new window will pop up titled "*New Project*". Among the various wizards mentioned here, you will click on *General -> Project*. and click on *Next* button.

9. You will now be prompted for a project name. Name the project "*hw1*".
10. Now you can see a project folder called *hw1* in your "*Project Explorer*" window. (The name/title of every window is the text written on the top bar.
11. Now you have to create a new file in this newly created *hw1* project. To do this Right-Click on the project folder (i.e. *hw1*) and follow *New -> File* and click on *File*.
12. A "*New File*" window will now show on the screen with the default parent folder for the new file as *hw1*. Enter the name of the new file as *index.html* and hit *Finish*.
13. A new file *index.html* will now show among the contents of the *hw1* project folder and you Right-Click on *index.html* and open with web browser and a new browser window will be up in a new tab (Browsers are tools we all use to access the website on the internet, the most common ones are Internet Explorer, Google Chrome, Mozilla Firefox etc.) Browsers do not let you modify the source or original text in the webpage and hence you see a blank page.
14. Right-Click on *index.html* and follow *Open With -> HTML Editor*. This will open the *index.html* file in you center window. Enter the following HTML code into this file:

HTML Code

```
<html>
  <head>
    <title> My first webpage </title>
  </head>
  <body>
    I just produced my first webpage.
  </body>
</html>
```

15. Save your work.
16. That's it! You have created a webpage. You can see the web page is now inside your Eclipse IDE workspace.

Step 3: Upload your Web Page

17. The webpage you created in still inside your IDE (Eclipse) workspace. This means, your *index.html* is stored by eclipse and is accessible only by you. You have to store this webpage in a Web folder which is accessible to everyone via the internet. All CPP students\staff\faculty have access to a free web space location (\\files-www.cpp.edu\yourBroncoID). This is where you need to store your *index.html* file

(copy it from your Eclipse workspace).

18. You can use the [cpp vpn](#) connection and create network location in your computer to your cpp home directory (\\files-www.cpp.edu\yourBroncoID) or use an ftp client like [filezilla](#) to upload files directly to your cpp home directory. If you login to your account from any of CS labs (8-51, 8-52 or 3-2636), you can directly access your personal web space and copy your html file there.
 - [Steps for VPN connection or use the WinSCP or putty](#)
 - Follow above and then map network drive for [Windows](#) or [Mac](#). You will be asked user name and network password (this is your network password setup at the Step 1).
19. To view your webpage via the internet, open a web-browser (i.e. Internet Explorer, Goggle Chrome or Mozilla Firefox etc.) and enter the following address in the address bar:
www.cpp.edu/~xyz99/

Replace *xyz99* by your BroncoID.

Step 4: Beautify your Web page

20. Your webpage will look a little dull at this point. Based on your readings from the [HTML tutorial](#), you should be able to do much better. On this page, you need to include your name, a profile pic, and a brief description of yourself (short bio).
21. You can use a free tool like [Kompozer](#) (or any web authring tool) to beautify or create/edit a visual layout and source page of your webpage (created in the previous steps).

What to turn in:

Submit the URL of your web page to Piazza. The main page (index.html) should have a link to your one-page PDF resume.