

CNIT 131H – 4-day course

Day 3

- Any doubts from Day 2?
- Continue to work with HTML & CSS
- Open index.html and substitute the footer tag by the following code:

```
<footer style="font-size: 0.8 em; font-style:italic;">
```

- The rest of the footer should remain the same
- Save the file and open in the browser – notice that now the font size in the footer is basically 80% of the font size of the rest of the page – Comments about the difference of using px or pt and em or rem
- Open the edu.html file in a web editor
- Insert HTML between the <body> and </body> to insert a header tag, a section tag, and a footer tag
- Between the <section> and </section> tags include a description list where the <dt> will be the name of the school or course you attended or you are currently attending (always start by the most recent one). The <dd> should have the year and the certificate/title/award(s) you got at that school. So, for example, see the code below having two schools/courses (I am not showing all that is necessary to have in the description list so you will have time to go to Day 1 lecture and remember the details of a description list):

```
<dt>Any College – San Francisco, CA</dt>
```

```
<dd>AS Degree in Web Development Techniques (2015)<br>
```

```
    Certificate of Achievement in Web Development Techniques (2015)<br>
```

```
    Extra courses: Advanced HTML & CSS, SEO & Analytics for Web Dev, Mobile Web  
Dev w/HTML, CSS, JS (2015)<dd>
```

```
<dt>ABC High School – San Jose, CA</dt>
```

```
<dd>High School Diploma (2014)<br>
```

```
    Leadership Certificate (2014)<br>
```

```
    President Award (2013)</dd>
```

- These are just to give examples and, of course, the school / courses names are fictitious. You should adapt the code to yourself.
- Between the <header> and the </header> tags include a heading (can be a h1 tag) with the word Education
- Between the <footer> and the </footer> tags include a paragraph with the following information: You can contact me at XXX – where XXX will be your email address
- Save the file and show in the browser – how is the definition/description list being shown? Is the heading ok? What about the footer part?
- Open the file exp.html in a web editor
- Insert HTML between the <body> and </body> tags to include the same parts you included in the edu.html: header tag, section tag, and footer tag.
- Between the <section> and </section> tags include a paragraph talking about your Objective/Goal. After the paragraph, insert a table with 3 columns. The <th> tags for each column, will have the following words: Period, Company Name, Function. The beginning of the table would look something as:

```
<table>
```

```
  <tr>
```

```
    <th>Period</th>
```

```
    ...
```

```
  </tr>
```

...
</table>

- Of course, here is just showing the basic structure of the table, you would need to insert the rest of the code with what you have learned. There will be as many rows (<tr>...</tr>) as the companies you have worked at. At least there should be 2 rows representing 2 companies. Include anything, even voluntary work!
- Between the <header> and </header> tags insert a heading (can be a h1) for the following words Professional Experience.
- Between the <footer> and </footer> tags insert a paragraph with the same information of the footer in the edu.html page.
- Save the file and show in the browser – of course, the table content is showing, make sure that the columns are aligned correctly (meaning you did not forget to close any <td> or any <th> or any <tr> tag). Are the header and the footer parts ok?
- Let's validate the HTML of both edu.html and exp.html pages. Is everything ok? You might probably have a warning about having a heading for the section tag...?! Well, it's recommended that every time you use the section or article tags, you include one heading that can be preferably h2, or h3, or h4, or h5, or h6. The h1 should preferably be shown once and at the top of the page – but remember that these are only recommendations (at least for now).
- Now, let's apply some CSS to these two files:
 - In the edu.html file
 - Make sure that the whole page has a light background color
 - Make sure that the h1 text is centralized
 - Make each <dt> tag have the font bold and a dark color other than black
 - Make the <dd> tags with italicized fonts and the size of the font be a little bit smaller than the rest of the page
 - Make the content of the footer be 80% of the font size of the rest of the page
 - For the exp.html file
 - Make sure that the whole page has a light background color too
 - Centralize the content of the h1
 - Make the word "Objective" (only that word in the paragraph) to be bold, red, and a little bit bigger than the rest of the page.
 - Make the content of the footer be 80% of the font size of the rest of the page
- Save both files and open in the browser. Have all the CSS properties been applied?
- Have you noticed that we forgot to include in the edu.html and exp.html the navigation to go back to the home page? It's always good to offer a full navigation service in your web pages – comments about cases that do not offer that.
- Copy from the index.html the part from the <nav> tag up to </nav> tag. Then open the edu.html in the web editor and place your cursor right after the </header> tag, create another line, and then paste the content you copied. Modify the anchor tags (<a>...) to have the links pointing to the other pages: exp.html and index.html. Do that same process for the exp.html page.
- Save the pages and open again in the browser. What about now? Are the links working in all the pages?
- We teste locally the page and if everything is ok, it's time to transfer to our web hosting (web server).
- Open Filezilla, and enter all the information (like we did in Day 2 of this course) to connect to your account at 000webhost.
- When you connect, remember to double-click on the public_html folder (on the right side of the Filezilla screen) to open that folder and make the transfer of the files easier for you – remember that ANY file that belongs to

your website needs to be transferred to that public_html folder (that's the rule for the majority of the web servers around).

- Find ALL your files (image(s) and the 3 html files) and transfer them to your 000webhost account
- After the transfer is completed successfully, open the browser and use the URL to show the index.html file – remember from Day 2 when we transferred the image how we showed the image on the browser? Well, it's the same thing now, but you will be showing the index.html page and not only the image.
- Make sure that when you use the all the links of your pages that they are working ok and going to the page you expect to go.
- Comments about this process of testing and then transferring again to the web server – life cycle of web development