**ISYS 5453 Assignment**

**First Website (Linux on z900) and First PHP**

**Total Points (40 points)**

**Part I - First Website**

(20 points) :

**Deliverables:** We will grade your Website by running it in your account. Thus, please email your account number, password and importantly, **a link to the home page of your Website**.

This should be a fun and exciting assignment—lots of pictures, videos, color schemes, creativity, etc. The major focus is to have you build a fun Website, with requirements, of course. Create a Website of your dream trip (either planned or already taken), vacation, honeymoon location or similar great event.

In addition to the materials covered in class, including the **Web Pages in Linux**, locate the htmlgoodies Website, read **html** in Primers, **tables, backgrounds, image maps** and **colors** tutorials in the HTML & Graphics Tutorials as well as the **Style Sheet**s tutorial in the Beyond HTML section. Then design and test your Website which must include the following:

1. A home page with at least 6 additional Web pages
2. Links on every page to navigate your Website
3. Links to external Websites
4. At least two images on each Web page
5. At least one image that works as a link
6. Uses one or more tables
7. Must include at least one ordered list and one unordered list
8. A link that emails the instructor(s)
9. At least one video
10. Headers
11. Internal Style
12. External Cascading Style Sheet with classes

**Part II – First PHP Website**

(20 points)

**Deliverables:** We will grade your Website by running it in your account. Thus, please email your account number, password and importantly, a link to the home page of your Website.

*Note: This Website does not use a database—rather logical decision making. It would be easier using a database and would be a great exercise for you to do on their own using a database*

A company from the Northeast wants to base its shipping costs on the area code of the location to where an item is shipped. Using the values in the following table, provide a data entry form that accepts the name of the company, an area code from a drop down list (only one area code should be displayed for each listing in the drop down list), and the weight (in pounds) of an item to ship. The user should click a button and then their results should display. The results should include: company name, the region they are shipping to (not the area code number, but the region name), the weight of the item in pounds, the cost to ship per pound, and the total shipment cost. Example input and output screens are below.

|  |  |  |
| --- | --- | --- |
| Region name | Area code | Price for region |
| Boston and area | 508, 617, 413 | $2.50 per pound |
| Maine, New Hampshire, Vermont | 207, 603, 802 | $3.50 per pound |
| Selected Southeast cities | 404, 706, 803, 910, 804 | $5.00 per pound |
| Selected central state cities | 614, 309, 479, 501, 515 | $7.00 per pound |
| Outside the regular route | All area codes not listed above | $11.00 per pound |

The input screen should look something like the following:



The output screen should look something like the following:

