ITMD461 Lab 6 – Basic CSS Page Layout with data table

Objective:
Create a valid properly formatted HTML5 page fully styled with CSS, which includes your data table in the page.

Process:

1. Using your text editor, create a new plain text file and save it with an ".html" extension. If your editor asks for encoding you want "UTF-8". Use your IIT username and lab 6 in the filename. Remember the file naming conventions we discussed in class. (i.e. user_lab6.html)
2. Create an **external style sheet** and link it to your html file.
3. Use css to style the page and table. I don't want it to look like the default browser styling on anything. Use your own css, don't use the defaults from a css framework like bootstrap. Try to make the page look as nice and professional as possible.
4. Add some appropriate headlines, titles, and any other content you think is appropriate to the document.
5. Get data from here: http://pds.jpl.nasa.gov/planets/special/planets.htm
6. Use any 4 of the full planets (not pluto or small bodies).
7. Combine the data from any 4 planet pages into a **single html page** with **one single table. I do not want separate tables/pages.**
8. Data attributes or the planet names can be on either horizontal or vertical axis. However you want to format it.
9. Use first seven data fields: Mass, Diameter, Mean density, Escape velocity, Avg Dist from sun, Rotation period, Revolution period.
10. Grading will be based on requirements and how well it is styled. Try to use images and various css properties to make your page look nice and unique.
11. Goal is to show the data in a nice, readable and pleasant way in a **combined table on a single page.**
12. **DO NOT** just use a css framework like bootstrap for all your css. It is fine for the structure of the basic page but I want custom css on the table.
13. Make a zip file containing both your HTML and CSS files and **upload that zip file to the blackboard assignment**. Name your zip with your IIT username.

This lab will be graded based on how well you follow the directions, how your HTML syntax looks, how your CSS syntax looks, and if you completed all the requested items. Syntax errors, missing requirements, and deviations from the directions will result in deducted points.

A very simply styled page in the top corner of the web page will not receive all the points. Try to make the page look fully styled and not like any browser default. Apply CSS properties to the table via classes or ids on elements. I would also suggest trying to make a css layout like the 960 centered we demoed in class to structure your page. Add as much styling as you can. Anything you can add to the page to make it look nice and different will be good.

Everybody's page and tables should look unique. This is not a group project.

Search google for CSS table styling for examples.

Due date is posted in the blackboard assignment. (Tues April 7 11:59pm Chicago Time)

20 points