Lab 1 Google Map

Where to begin when learning web development? html. (Hyper Text Markup Language). html is an old web language and where your adventure begins. This lab is where you get to learn to do some basic web programming and you get to be a bit creative. This lab has many requirements. Future labs will be calling back to make changes on this lab.

**General Requirements.**

1. Write 3 basic .html pages called “YourLastName.html”,”BasicMap.html”,”ProjectX.html”.
2. All three web pages will be found within the same local directory.
3. Include an external .CSS style sheet that contains the styling data that is read by all of your pages. Name that YourLastName.CSS
4. Include a menu system to navigate between all three pages with one click. Each page must be reachable from the others.
5. All 3 pages will be well formed.
6. The lab will be zipped up and named YOURLASTNAME.zip.

**“YourLastName.html” Requirements**

1. Contain at least one photo of yourself.
2. At least one block of text about yourself 100 words minimum. Professional aspirations, interests, goals etc. Be creative. Be professional. YourLastName.html is where a potential employer views your work. Using a <p> and <div>
3. It will include at least one link to your favorite website.
4. It will have at least 20 separate tag types.

**“BasicMap.html” Requirements**

1. Hold a basic Google Map within a <div> called “YourLastName”.
2. A separate <div> called “CountryName” holding a block of text describing the country 250 words minimum. Use Wikipedia and include a citation using italics.
3. A link to the Wikipedia Article.
4. A link to the countries “Official” online presence.
5. A title using <h2> and 10 separate tag types.

Please consult the table below against the last digit of your student number to determine what marker series you will be presenting. You will be doing a short GIS case study for each country. Locating these features and structures will require some critical thinking and examination of the satellite imagery.

|  |  |
| --- | --- |
| **Last digit of student number** | **Country** |
| 0 | Western Sahara |
| 1 | Mauritania |
| 2 | Senegal |
| 3 | The Gambia |
| 4 | Guinea-Bissau |
| 5 | Guinea |
| 6 | Sierra Leone |
| 7 | Liberia |
| 8 | Côte d'Ivoire |
| 9 | Ghana |

You will mark using a Google Maps Marker coded within your Javascript script the following places of interest. You will ensure that each title of each marker describes the name of each location. The map will use the satellite setting. The zoom and center will be set to show the maximum extents of your assigned country.

1. The capital
2. The capital building or seat of government
3. An international airport
4. A prison/jail or detention facility
5. 2 bridges or ferries
6. A port
7. A hospital
8. A school
9. A place of worship
10. A sports stadium or field
11. An open air market
12. An island
13. A security/military/defense establishment
14. A police station/barracks
15. The closest international border crossing to the capital
16. The Canadian embassy/delegation or Canadian embassy designate/proxy
17. A radio tower
18. A public statue.
19. Four separate markers representing the North, South, East and West land extent limits for your assigned country.

**“ProjectX.html”**

1. This is where future labs will plug into Lab 1. You can style this as you want. Add whatever fun creative things you have wanted to try. In further labs will plug into “ProjectX.html” Styling and menu rules still apply.

**Rubric**

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| Item | Grade Weight | Your Mark |
| 3 basic .html files and one .css file. Along with all images. In one directory zipped up. Proper naming conventions for file names. | 25% |  |
| BasicMap.html will contain a basic working Google Map with all Markers. | 50% |  |
| YourLastName.html | 25% |  |
| YOURLASTNAME.zip |  |  |
| Total |  |  |

Deductions: Late 24 hours -5%

Late > 24 hours – 10%

Page throws an error – 10%