Assignment 3: Play with CSS

Introduction: Learn about CSS by doing some reading and learning what CSS can do. Then, build a webpage with CSS styling that showcases what you learned.

Narrative: This webpage displays information from the 2012 Nintendo 3DS game *Fire Emblem: Awakening*. In the game, the Fire Emblem is comprised of the Shield of Seals and five Gemstones. The webpage shows an image of the completed Fire Emblem at the center and some details concerning the five Gemstones along the borders of the page.

The introductory text is displayed along the top. The first line is under a `<h1>` tag, which formats it with larger text. Both sections are centered with the `<center>` tag.

The background is an image of the Shield of Seals with a faded yellow background behind it.   These are displayed under the `body` CSS block. The yellow is a RGBA function, which uses a standard RGB color and fades it with a fourth argument. The image is taken from the Fire Emblem Wiki website through the use of the `url()` function.   These are used by the `background` argument.   The other four commands properly place the Shield image in the center of the screen.

Each of the five Gemstones is represented with a `<div>` with class `box`. Each Gemstone box is given an ID to represent it, but they share a class, for formatting purposes. Each `<div>` states the Gemstone's name, location, and owner in the game. The Gemstone names use the `<center>` tag again, to align them inside their respective boxes. The Gemstone location and owner are inside yet another `<div>` tag, which places that information within the `description` class.

In the CSS stylesheet, each box is given the same width, height, border, and text positioning.   The description class is also modified to place the contained information within another, smaller box, for readability. The description boxes have a white background, and are aligned at the bottom left of each box.

Each individual Gemstone box is given a unique ID, which is used for individual formatting. Each box has a unique background gradient as well as a unique hero portrait laid over the gradient. The hero portraits are also taken from the Fire Emblem Wiki and specified through the `url()` function. The individual ID formatting also specifies the position of each box, so that they all fit on the screen.

Reflection: This assignment was useful because it demonstrated the versatility and convenience of using CSS to style HTML pages. It was surprising that I could position each box as accurately as I wanted, as well as being able to create custom gradients and background hero portraits while keeping them all related with a common class, which specified size, text positioning, and borders. It streamlined the finalization process, and felt incredibly satisfying to complete. I truly enjoyed the process of creating this project.

index.php:

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <title>Emblem of Awakening</title>
        <link rel="stylesheet" href="Main.css">
    </head>
    <body>
        <h1><center>Gemstones of the Shield of Seals</center></h1>
        <center> The Fire Emblem is one of the national treasures of
Ylisse and
            a recurring sacred relic throughout the series.  In Fire
Emblem:
            Awakening, it appears as the Shield of Seals and bears
multiple
            gemstones.</center>
        <div class="box" id="argent">
            <center>Argent</center>
            <div class="description">
                Location: Halidom of Ylisse<br>
                Owner: Exalt Emmeryn
        </div>
        </div>
        <div class="box" id="gules">
            <center>Gules</center>
            <div class="description">
                Location: Regna Ferox<br>
```

```
                Owner: Khan Basilio
            </div>
        </div>
        <div class="box" id="azure">
            <center>Azure</center>
            <div class="description">
                Location: Mila Tree<br>
                Owner: Priestess Tiki
            </div>
        </div>
        <div class="box" id="vert">
            <center>Vert</center>
                <div class="description">
                Location: Kingdom of Valm (formerly Chon'sin)<br>
                Owner: Conqueror Walhart
            </div>
        </div>
        <div class="box" id="sable">
            <center>Sable</center>
            <div class="description">
                Location: Plegia<br>
                Owner: King Gangrel
            </div>
        </div>
    </body>
</html>
```

Main.css:

```
/*
    Created on : Jan 31, 2017, 12:30:03 PM
    Author      : JScholl
*/
```

```css
body {

    background:                                        rgba(255,255,0,.2)
url("http://vignette2.wikia.nocookie.net/fireemblem/images/e/e4/Pedest
al_of_flame.png/revision/latest?cb=20160419081718");

    background-repeat: no-repeat;

    background-position-x: center;

    background-position-y: -23%;

    background-size: 50%;

}


.box {

    font-weight: bold;

    border: 2px solid black;

    height: 200px;

    width: 200px;

    background-repeat: no-repeat;

    background-position: right bottom;

    vertical-align: bottom;

}


.description {

    font-weight: normal;

    border: 2px solid black;

    background-color: white;

    padding: 2px;

    position: absolute;

    bottom: 0;

    vertical-align: middle;

}


#argent {

    background-image:
url("http://vignette2.wikia.nocookie.net/fireemblem/images/3/33/Emerin
```

```css
a_Portrait.png/revision/latest/scale-to-width-
down/109?cb=20160420100307&format=webp"),                    linear-
gradient(silver,white);

    position: absolute;

    left: 10px;

    top: 100px;

}


#gules {

    background-image:
url("http://vignette1.wikia.nocookie.net/fireemblem/images/d/d3/Basili
oPortrait.png/revision/latest/scale-to-width-
down/177?cb=20161025064119&format=webp"),                    linear-
gradient(red,darkorange);

    position: absolute;

    left: 10px;

    top: 500px;

}


#azure {

    background-image:
url("http://vignette2.wikia.nocookie.net/fireemblem/images/e/e8/PXZ2Ti
kiportrait.png/revision/latest?cb=20160420090515"),linear-
gradient(blue, lightblue);

    position: absolute;

    right: 10px;

    top: 25%;

}


#vert {

    background-image:
url("http://vignette3.wikia.nocookie.net/fireemblem/images/3/3f/Walhar
t_portrait.png/revision/latest/scale-to-width-
down/184?cb=20151114034243&format=webp"),                    linear-
gradient(green,greenyellow);

    position: absolute;

    right: 10px;
```

```css
    top: 55%;

}


#sable {


    background-image:
url("http://vignette2.wikia.nocookie.net/fireemblem/images/7/74/Gangre
l_Portrait.png/revision/latest/scale-to-width-
down/181?cb=20161025064304&format=webp"),linear-gradient(purple,
magenta);

    position: absolute;

    left: 10px;

    top: 300px;

}
```