

Exploring Computer Science

Web #2 – A Typical School Day

Objective: Demonstrate your understanding of CSS classes.

1. In your *Exploring Computer Science* folder, create a folder titled *first_last_web_2*. Copy the *template.html* file and paste it in your *first_last_web_2* folder. Rename the *template.html* file to *index.html* (all lowercase!).
2. Edit the *index.html* file. Add the appropriate HTML so that this file contains the following:
 - a. The title of the page is *First Last – Web Page 2*
 - b. Inside the `<body>` element, create an `<h1>` element with the following content: *First Last – A Typical School Day*.
 - c. Now, pick your favorite suit of cards (spades, hearts, clubs or diamonds). In the `<h1>` element content, add the symbol for your selected suit both before your name and after the word *Day*
 - d. Following the `<h1>` element, you are to divide up the day into 24 one-hour periods using `<h3>` elements. You are to start with 12:00 – 01:00 AM and continue until you have all 24 hour periods in the day:

`<h3>12:00 - 01:00 AM</h3>`

`<h3>01:00 - 02:00 AM</h3>`

.....

`<h3>10:00 - 11:00 PM</h3>`

`<h3>11:00 - 12:00 AM</h3>`

- e. After each `<h3>` element insert a `<p>` element. Each `<p>` element should contain exactly **one** sentence about where you are or what you are doing during that hour. Choose **one** of the following sentences for each hour:
 - I am sleeping.
 - I am playing video games.
 - I am at school.
 - I am at practice.
 - I am at work.
 - I am at home.
 - I am eating.
 - I am in the car.
 - I am walking.
 - I am doing homework.
 - I am reading.
 - I am watching TV.
 - f. You must use a minimum of **4** different sentences and a maximum of **5** different sentences.
3. Now add CSS for the following
 - a. A graphic runs down the left side of the page. The text must not cover the graphic in any way. Spend some time finding a nice graphic.

- b. Make sure your **body** page font is a **sans-serif** font.
 - c. You will need a different color for each of the unique sentences you used in step 2e. *Create a different class for each color.* Make sure to use colors that coordinate with your graphic. Make sure to use hexadecimal notation for all colors.
 - d. For **h1**, use a coordinating color and a **curative** font of your choice. The h1 element should not be centered.
 - e. Make the **h3** font a **monospace** font.
4. Once you have created the CSS classes, go back to your HTML. All `<p>` elements *with the same sentence* must use the same class. The `<h3>` element must be the same color as its corresponding `<p>` element. This means that each `<h3>/<p>` pair of elements will use the same class.
 5. Validate your HTML
 6. Validate your CSS.

