

Cascading Style Sheets (CSS)

In-class exercise 4

1. W3C school (<https://www.w3schools.com/>)
2. HTML tag structure

```
<!DOCTYPE html>

<html>
  <head>
    <meta charset="utf-8" />
  </head>
  <body>
    <form>
    </form>
  </body>
</html>
```

3. Inline style <p style = "font-size:20pt; color: deepskyblue; ">

4. Embedded style sheet: inside <head>

```
<style type = "text/css">
  p { font-size: 12pt; font-family: arial, sans-serif; }
</style>
```

```
Class selector: p.normal { font-style: normal; }      <p class = "normal">
Id selector:    p#special { font-style: italic; }      <p id = "special">
```

5. External style sheet <link rel = "stylesheet" type="text/css" href = "xxx.css">

6. https://www.w3schools.com/colors/colors_names.asp

7. More CSS Pseudo Class: https://www.w3schools.com/css/css_pseudo_classes.asp

8. CSS validator <http://jigsaw.w3.org/css-validator/>

(0) Please use the form you created in exercise 3 and rename the file as exercise4.html.

(1) Set different background colors for each fieldset.

(2) Please set white color for backgrounds of each fieldset legend with only **one line** of embedded style.

(3) When clicking the input box of Name (please give this element an ID), make the background of that box gray (Hint: Pseudo Class, is it possible to use inline style with pseudo class?).

(4) Download the zip file "Race.zip". This zip file has several files that you will need to complete this exercise: race.html and several image (jpg and gif) files. Race.html will be the file you will work with. **Use only Embedded Style Sheets in race.html.**

- (5) Use at least 3 background files (.jpg or gif). You can use backgrounds to add interest to the table and/or to highlight certain components. You can also use a background file for the entire page. Make sure whatever combination you use is aesthetically pleasing. You can use the files I provided, or you can download your own. If you download your own, make sure the image is not too busy.
- (6) Float the callahan.jpg image to the left of the first paragraph.
- (7) Float the results table to the right of the second paragraph.
- (8) You should use two different font families—one font family for the table and one font family for the rest of the page.
- (9) Use multiple colors for the fonts (tastefully and as appropriate for the background image, of course) in the document.
- (10) Zip all the files (in a folder, including all **images**, **race.html**, and **exercise4.html**) and rename the zip file “Exercise 4”. Upload the zip file to your moodle.

Local Woman Wins Marathon



Grapevine native, **Julia Callahan**, won the 10th Grapevine Marathon over an elite field of the best long distance runners in the country. Julia's time of 2 hr. 28 min. 21 sec. was only 2 minutes off the women's course record set last year by Chelsea Williams of Chicago, Illinois. Katrina Larson and Belinda Paul finished second and third, respectively. Julia's victory came on the heels of her performance at the NCAA Track and Field Championships, in which she placed second running for Texas State.

In an exciting race, **Bill Dixon** of Los Angeles, California, used a finishing kick to win the men's marathon for the second straight year, in a time of 2 hr. 12 min. 34 sec. Ahead for much of the race, Victor Fall of Jackson Hole, Wyoming, finished second, when he could not match Dixon's finishing pace. Charles Ross of Boston, Massachusetts, placed third in a very competitive field.

This year's race through downtown Grapevine boasted the largest field in the marathon's history, with over 750 men and 470 women competing. Race conditions were perfect with low humidity and temperatures that never exceeded 85°.

Race Results			
Group	Runner	Time	Hometown
Men	1. Bill Dixon	2:12:34	Los Angeles, California
	2. Victor Fall	2:13:05	Jackson Hole, Wyoming
	3. Charles Ross	2:14:28	Boston, Massachusetts
Women	1. Julia Callahan	2:28:21	Grapevine, Texas
	2. Katrina Larson	2:30:11	Buffalo, New York
	3. Belinda Paul	2:31:14	Miami, Florida
Note: times are not official			

(Example for layout without other CSS)