

Complete the following:

1. In your text editor, open the **cssdemo.txt.htm** file from the tutorial.06\case3 folder included with your Data Files. Enter **your name** and **the date** in the comment section of the file. Save the file as **cssdemo.htm**.
2. Review the contents and structure of the document. Link the file to the **cssforms.css** style sheet.
3. Directly below the paragraph within the **section** element, insert a **form** element. You do not have to specify an action or a method.
4. Create field sets with ids equal to **textstring**, **fonts**, **colors**, and **sizes**. Do not add a legend to the **textstring** field set. For the three remaining field sets, add the legend text **Fonts**, **Colors**, and **Sizes**, respectively.

Note: In the steps that follow, make sure you add both an **id** attribute and a **name** attribute to each input box, selection list, or text area box, giving the same value to both attributes. Also, make sure that you enter the name-id values in lowercase letters. Finally, make sure that every selection list has both option text and option values set to the same text string.

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5. Within the **textstring** field set, insert a label containing the text **Enter your sample text below**, followed by a text area box. The text area box should have the name and id value **sampletext**. Set the text area so that it automatically receives the focus when the page is loaded, and set its tab index value to 1. Set the line wrap within the text area box to **hard** to preserve any line breaks within the text area box.
6. Within the **fonts** field set, insert a label containing the text **Font Family** followed by a selection list for the **fontfamily** field. Add the following options to the selection list: **default**, **serif**, **sans-serif**, **monospace**, **cursive**, **fantasy**, **Arial**, **'Book Antiqua'**, **'Courier New'**, **Geneva**, **Helvetica**, **Impact**, **Palatino**, and **'Times New Roman'**. Set the option values equal to the option text, including the single quotes where required for the font name.

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7. For the options created for the **fontfamily** selection list, enclose the generic font names in an option group with the label **generic** and the specific fonts within an option group with the label **specific**.
8. After the **fontfamily** selection list, insert a label with the text **Font Style**. Add a selection list for the **fontstyle** field with the option text and option values equal to **normal**, **italic**, and **oblique**.
9. Add a label with the text **Font Weight** along with a selection list for the **fontweight** field containing the option values and option text **normal** and **bold**.
10. Add a label with the text **Text Decoration** along with a selection list for the **textdecoration** field containing the option values and option text **none**, **line-through**, **underline**, and **underline**.
11. Add a label with the text **Text Transform** along with a selection list for the **texttransform** field containing the option values and option text **none**, **capitalize**, **lowercase**, and **uppercase**.
12. Add a label with the text **Font Variant** along with a selection for the **fontvariant** field containing the option text and values **normal** and **small-caps**.

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13. Within the **colors** field set, add a label with the text **Font Color (hexadecimal)**. Add an input box for the **color** field. Set the data type of the input box to **color**. Set the default value to the text string **#000000**. Add the placeholder text **#rrggbb**.
14. Add a label containing the text **Background Color (hexadecimal)** followed by an input box for the **backgroundcolor** field. Set the data type of the input box to **color**. Set the default value to the text string **#FFFFFF**. Add the placeholder text **#rrggbb**.
15. Within the **sizes** field set, add a label containing the text **Font Size (px)** followed by a range slider for the **fontsize** field. Set the default value of the **fontsize** field to 14, the minimum to 8, and the maximum to 40. The range slider should move from the minimum to the maximum in steps of 1 unit.

16. Create range sliders for the next four items in the `sizes` field set. Figure 6-81 lists the label text, field names, and ranges of the range sliders in the CSS demo page. Add appropriate range labels before and after the range sliders as indicated in Figure 6-80.

Figure 6-81 Range sliders in the CSS demo page

Field	Label Text	Default	Range
fontsize	Font Size (px)	14	8 - 40 by 1
letterspacing	Letter Spacing (px)	0	0 - 10 by 1
wordspacing	Word Spacing (px)	0	0 - 10 by 1
lineheight	Line Height (em)	1	0 - 4 by 0.2
textindent	Text Indent (px)	0	0 - 10 by 1

- EXPLORE** 17. Directly after the `sizes` field set, add a command button containing the text **Remove Styles** and the id `removestyles`.
18. Scroll to the top of the file. Within the `head` element, add a `script` element to connect to the `rundemo.js` file.
19. Save your changes to the file.
20. Open the `cssdemo.htm` file in a Web browser that supports range sliders. Test the form by entering sample text into the text area box near the top of the form. Verify that when you tab out of the text area box, the text appears in the rendering box at the bottom of the page.
21. Change the style of the rendered text by selecting options and values from the style controls on the form.
- EXPLORE** 22. If you have access to Opera or another Web browser that supports the `color` data type, verify that you can change the font and background color using a color picker. If your browser does not support the `color` data type, change the colors by entering hexadecimal values for the font color and background color fields.
23. Submit your completed files to your instructor, in either printed or electronic form, as requested.

Test your knowledge of Web forms by creating an order form for an online computer store.

RESEARCH

Case Problem 4

Data Files needed for this Case Problem: `formsubmit.js`, `go.png`, `mclogo.jpg`, `modernizr-1.5.js`, `stop.png`

Millennium Computers You are employed at Millennium Computers, a discount mail-order company specializing in computers and computer components. Your supervisor, Sandy Walton, has asked you to create an order form Web page so that customers can purchase products online. Your order form is for computer purchases only. There are several options for customers to consider when purchasing computers from Millennium. Customers can choose from the following:

- Processor Speed: 3.2 GHz, 4 GHz, 5.2 GHz
- Memory: 1 GB, 2 GB, 4 GB, 8 GB
- Monitor Size: 15", 17", 19", 21"
- Hard Drive: 240 GB, 500 GB, 750 GB, 1 TB
- DVD Burner: yes/no
- Tuner Card: yes/no
- Media Card Reader: yes/no