

# Chapter 8 - Forms

## JIC4

Create a form that will allow new customers to sign up for your service online.

1. Open HTM\_J-11.html and save it as **signup.html**
2. Open HTM\_J-12.css and save as **styles.css**
3. In the comment at the top of each file, enter your name and today's date where indicated, then save the files
4. In **signup.html** below the first **h2** element, containing the text Sign Up, add a **form** element. Within the **form** element, add 7 **fieldset** elements. In the first six fieldsets, specify the legend text **Contact information**, **Meal(s)**, **Delivery frequency**, **Start date**, **How did you hear about us?**, and **Food allergies**
5. In **styles.css**, add the selector's **fieldset**, **form**, **input**, **label**, **legend**, and **textarea** to the style rule in the reset styles section that sets border, padding, and margin to 0. Create new style rules to specify padding for the fieldsets and to specify an appropriate font size, weight, and family for the legends. Preview the document in a browser
6. In **signup.html**, in the first fieldset, create 7 text boxes with the labels **Name**, **Email**, **Phone**, **Address**, **City**, **State**, and **Zip**. Specify an appropriate data type for each text box and include placeholder text for at least one text box. Associate all the text boxes with their labels, and provide appropriate values for the **id** and **name** properties
7. In **styles.css**, create a style rule for **input** elements that creates a border, sets a small bottom margin, and specifies a font size. Create another style rule for text boxes in the first fieldset that absolutely positions them far enough from the left to avoid overlapping the labels and sets a maximum width. Create style rules that specify appropriate maximum widths for individual text boxes as necessary. Create a style rule for **label** elements that sets the font size, then create a style rule for **label** elements in the first fieldset that sets their **display** to **block**, relatively positions them, and specifies a small bottom margin
8. Preview the document in a browser, enter data in each of the new fields, and verify all fields work as expected
9. In **signup.html**, in the second fieldset, create 2 checkboxes with the labels **Lunch** and **Dinner**. Associate the text boxes with their labels, and provide appropriate values for the **id**, **name**, and **value** properties
10. In **styles.css**, create a style rule that adds a small margin on the right side of each label in this fieldset
11. Preview the document in a browser and test the new fields
12. In **signup.html**, in the third fieldset, create 2 option buttons with the labels **Daily** and **Weekly**. Associate the text boxes with their labels, and provide appropriate values for the **id**, **name**, and **value** properties. Add an attribute that selects Weekly by default
13. In **styles.css**, edit the selector for the style rule you created in the previous step so it applies to the content of this fieldset as well
14. Preview the document in a browser and test the new fields
15. In **signup.html**, in the fourth fieldset, create a text box with the label Start date. Use the **type** value **date** for the text box. Associate the text box with its label, and provide appropriate values for the **id** and **name** properties
16. In **styles.css**, create a style rule that absolutely positions the label in the fourth fieldset out of the visible area of the browser window
17. Preview the document in multiple browsers and explore what, if any, selection interface is available when you move the mouse pointer over the field or click the field
18. In **signup.html** and in the fifth fieldset, create a drop-down menu with the label **How did you hear about us?** containing the options **--**, **web search**, **friend/word of mouth**, **saw a delivery truck**, and **other**. (Note: The -- option is the default and allows users to skip the question without the form logging any default answer.) Specify an appropriate value for the **value** attribute for each option and associate the label text with the drop down menu
19. In **styles.css**, add the selector for this fieldset to the style rule that absolutely positions other labels out of the visible area of the browser window, then specify a larger font size for the drop-down menu
20. Preview the document in a browser and test the new field

21. In **signup.html**, in the sixth fieldset, create a text area with the label **Food allergies** that displays three lines of text
22. In **styles.css**, add the selector for this fieldset to the style rule that absolutely positions other labels out of the visible area of the browser window, specify a font size for the contents of the text area, then specify a width of 99% for the text area
23. Preview the document in a browser and test the new field
24. In **signup.htm**, in the seventh fieldset, create a submit button that displays the text **Sign Up**. Add an attribute to the form element that submits the data entered by users to the file results.html
25. In **styles.css**, create a style rule that specifies a padding, border, font size, and border radius for the button, and sets the background color to **rgb(246, 224, 65)**
26. Preview the document in a browser, then verify that the button looks as you expect
27. Complete each field in the form, click Sign Up, then verify that the **results.html** page opens and displays the data you entered
28. In **signup.html**, in the first fieldset, add the **required** attribute to the element that creates each text box. Just after the opening **<legend>** tag, enter the code **<span>\*</span>** to insert an asterisk. Repeat for each label in the first fieldset, and for the legends in the second and third fieldsets
29. In **styles.css**, add a style rule for span elements within fieldset elements that sets the color to red
30. Preview the document in a browser. Your document should match the image below
31. Click the Sign Up button without completing any of the form fields and notice what, if any, validation feedback the browser provides for the required fields. Repeat for at least one other browser and notice any differences between browsers.
32. Validate your HTML and CSS documents

## Sign Up

\*Contact information

\*Name

First and last name

\*Email

\*Phone

\*Address

\*City

\*State

\*Zip

\*Meal(s)

☐ Lunch

☐ Dinner

\*Delivery frequency

☐ Daily

☒ Weekly

Start date

mm/dd/yyyy

How did you hear about us?

-- ▾

Food allergies

Sign Up

## What's In Season

Baby Carrots  
Cardoons  
Chard  
Fiddleheads  
Mint  
Morels  
New Potatoes  
Ramps