

# Tutorial 12 Additional Project

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In this project, you will create functions to use AJAX to add quotes and an RSS feed to a Web page.

1. Open **carols\_flowers.htm** in a simple text editor.
2. Open the **flowers\_ajax.js** file in a simple text editor.
3. Insert comments in both files that designate you as the author of the files.
4. In **flowers\_ajax.js**, add a **getCarolQuote** function that does the following:
  - a. Uses AJAX to open the CarolQuote.txt file
  - b. Writes the contents to the **carolquote** div in tutorial12solution.htm.
5. In **flowers\_ajax.js**, Create a **RSSFeed** class object that does the following:
  - a. Creates an array of news feed items using their title, link, and description from an xml document that is passed as an argument. You will need to create an **RSSItem** class for this. Your array will be an array of RSSItems.
  - b. Has a prototype function that parses the XML to HTML. The feed title should be an **h2** element. The item title should be an **h3** element that is a link to the items link. Finally the description will be a **p** element. The elements should be added to the html node passed to it.
6. In **flowers\_ajax.js**, add a **getFloralNews** function that does the following:
  - a. Accesses the **floralNews** element from tutorial12solution.htm
  - b. Uses AJAX to request **flowerupdate.xml**
  - c. Uses RSSFeed to add the parsed data from flowerupdate.xml to floralNews element in tutorial12solution.html
7. Make sure the **getCarolQuote** and **getFloralNews** functions are called when the page is loaded.
8. Test your finished code in a browser. Make corrections as necessary.
9. Print a copy of the files.