

### Day 7 – Assignment

This task helps you become familiar with more advanced features of JavaScript, including dynamic HTML features by building a simple web page for a travel agency.

#### Due

This assignment does not need to be handed in. Your instructor will review it the next morning so you can ask questions and get assistance with any problems you might encounter. You will build onto this assignment in the remaining assignments of this course. If you want feedback on your code you can ask your instructor to check it and give advice. You will be required to hand in the cumulative code after day 8 for marking. Your instructor will set the due date for you.

#### Directions

In this exercise you will customize the web pages from the previous days to provide extra functionality.

1. Add an onfocus listener to each of the text fields in your form, that will display a paragraph with a description of the data the field requires (such as special data format instructions, etc.). Create a paragraph for each field and hide them when the page loads. Use CSS to set their size and position so they are in a stack. Change CSS visibility settings to make the appropriate paragraph visible and the rest hidden whenever a field gets focus.
2. When the visitor submits the web form, validate the form to ensure that all fields have been entered. If your form does not have a postal code field, add one, and use a regular expression to ensure that it is properly formatted. The following regular expression will be sufficient: `/^[A-Z]\d[A-Z] ?\d[A-Z]\d$/`

#### Feedback:

If you have any questions or wish to get some feedback on your work before the hand-in date, ask your instructor to review it with you after class.