

Exercises: Extended Widgets

Test all exercises in development mode.

1. Make a button that, when pressed, pops up a dialog box that contains `<h1>Wow! Button was pressed!</h1>`
2. Copy the code for one of the examples from your last set of exercises that used tabbed panels. Change it to use stacked panels (aka accordion panels) instead.
3. Make a date-input field and a button. When the button is pressed, take the date that the user entered, look up the year, and insert that into the page.
4. Make a Java array that contains a few city names beginning with A and B. (See <http://www.airportcodes.org/> for a list.) Make an auto-completing text box that lets the user choose a city name. For bonus “credit”, send the city name to Google when the user presses a button.
5. Make a menu bar where the top-level entries are “M”, “N”, and “O”. When you click on an entry, you should get a list of the US states starting with that letter. Here are the states:
 - M: Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana
 - N: Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota
 - O: Ohio, Oklahoma, Oregon

Try the simple case first, where clicking on the letter shows the list of states, and clicking on a state pops up an alert (`Window.alert`) simply saying “A state was selected”. If you feel inspired, change it to now show which state was selected.