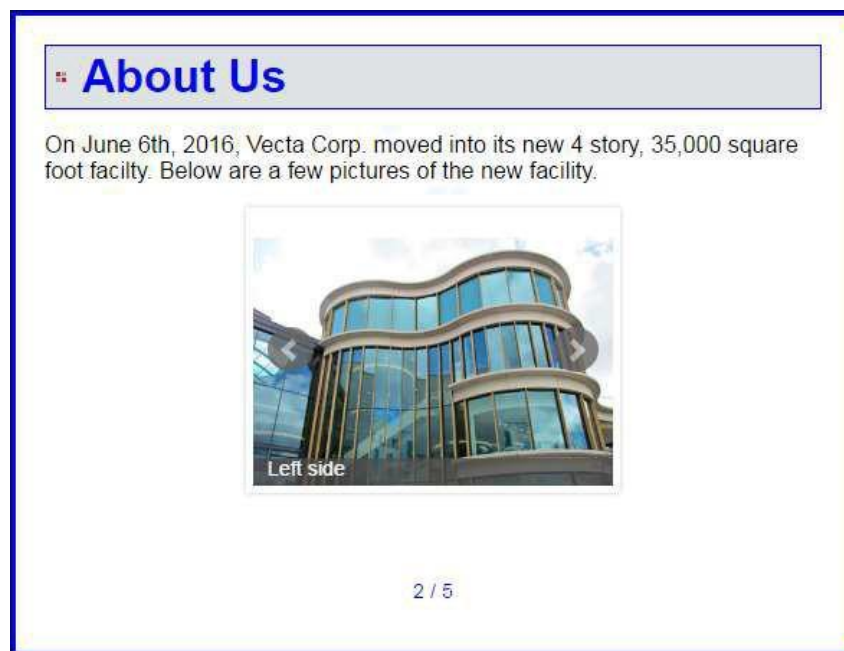


## **In-Class Activity #10 – BxSlider, Accordion and Widgets**

### **DUE Tuesday 10/05/2024 23.59**

The goal of this activity is to modify the way the bxSlider plugin is used with the Carousel application, modify an application that uses a Tabs widget to display the content of three panels to an application that uses an Accordion widget to display those panels and modify a Reservation application so it uses Tabs, Datepicker, and Dialog widgets.



#### **Part 0: Download files**

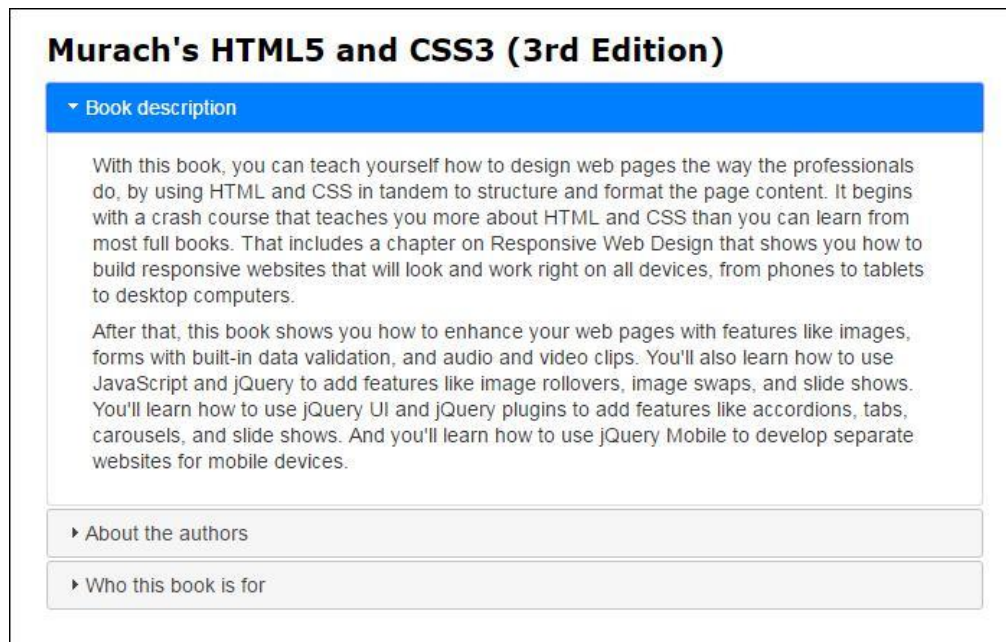
1. Download Activity10\_Slider.zip. Uncompress files.
2. No need to rename the files.

#### **Part 1: Modify code**

1. Open the HTML file in its folder and review its code. Refer to the options for this plugin that are described at <http://bxslider.com>.
2. Modify the jQuery code that calls the bxSlider plugin so the first image that's displayed is selected randomly. To do that, you can use the randomStart option.
3. Add an option to the code that calls the bxSlider plugin so the carousel moves one slide at a time.
4. Modify the code for the bxSlider plugin so that only one image is displayed at a time.

5. Add an option to the code that sets the time between the automatic transitions to 3 seconds.
6. Add options to the code so a pager is displayed in the format shown above. This pager should be displayed in the paragraph with the id of “pager” that’s below the list of images
7. Verify there are no errors.

## Part 2: Upload all files to your public website.



## Part 3: Download files

1. Download Activity10\_Accordion.zip. Uncompress files
2. No need to rename the files.

## Part 4: Modify code

1. Open the HTML file in its folder: Now, run this application to refresh your memory about how it works.
2. Review the HTML, and then modify it so it can be used with the Accordion widget. To do that, you’ll need to omit the list of tabs and add an h3 element for each panel. Then, make any additional changes as appropriate.

3. Modify the jQuery code so it uses an Accordion widget. A panel should be opened when the user clicks on it. If the panel is already opened, it should be closed.
4. Verify there are no errors.

### Part 5: Upload all files to yours public website.

The screenshot shows a web form titled "Reservation Request". It has three tabs: "General Information" (active), "Preferences", and "Contact Information". Under "General Information", there are fields for "Arrival date:", "Nights:", "Adults:", and "Children:". The "Arrival date:" field contains "01/27/2017" and has a date picker open. The date picker shows "January 2017" and a calendar grid. The date "27" is highlighted in blue, and "24" is highlighted in yellow. A "View Cancellation Policy" button is visible at the bottom left of the form.

### Part 6: Download files

1. Download Activity10\_Widget.zip. Uncompress files
2. No need to rename the files.

### Part 7: Modify code

1. Open the HTML and JavaScript files in their folder: Now, run this application to see what the user interface looks like.
2. Modify the HTML so the contents of the three fieldset elements can be implemented as three tabs of a Tabs widget. When you do that, you can delete the fieldset and legend elements, and you can set the headings for the tabs to the content of the legend elements.
3. Add the jQuery code that implements the tabs.
4. Add the jQuery code that implements the Datepicker widget for the arrival date. The

date can be from the current date to 90 days after the current date.

5. Code an event handler for the click event of the View Cancellation Policies button. This event handler should display the div element with an id of “dialog” as a modal Dialog widget.
6. Verify there are no errors.

**Part 8: Upload all files to yours public website.**

**Part 9: Turn in your activity to Aybuzem** and place in the Notes the URL of your website.

SUBMISSIONS WITHOUT THE URLS WILL AUTOMATICALLY RECEIVE ZERO