

Activity 11: Accordion Widget

The goal of this activity is to 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.

Part 0: Download files

1. Download **Activity11.zip** folder
2. Unzip the folder.
3. Rename the files to ***Lastname-Activity11.html***, ***Lastname-Activity11.css*** and ***Lastname-Activity11.js***.
4. Verify there are no errors in the HTML and CSS files.
5. Review the code and make sure you understand the code. Run the application to see how it works by clicking on each tab.

Murach's HTML5 and CSS3 (3rd Edition)

▶ Book description

▶ About the authors

▼ Who this book is for

This book is for anyone who wants to develop web pages at a thoroughly professional level. That includes:

- budding web developers
- web developers who haven't yet updated their websites to HTML5 and CSS3
- web developers who need to expand and enhance their skillsets

[Validate HTML](#) [Validate CSS](#)

Part 1: Modify code

1. 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.
2. Modify the jQuery code so it uses an Accordion widget. A panel should be opened when the user clicks on it.

Web-Based Application Design and Development (ITIS 3135)

3. By default, accordions always keep one panel open. Make appropriate change so that all panels can be closed.
4. Make appropriate change so that each panel will be only as tall as its content.
5. Verify there are no errors.

Part 2: Upload files including jquery-ui-1.12.1.custom to your Exercise folder in your webpages account

Verify that your final webpage is accessible by going to
<https://webpages.uncc.edu/yourUsername/Exercise/Lastname-Activity11.html>

Part 3: Turn in your activity

1. Log in to Canvas.
2. Go to the Activity #11 Submission link on the Canvas page. Upload the upload the .html, .css and .js files to the submission page.
3. In the Comments textbox of Canvas provide:
 - a. the URL of your html file on the web server. You must provide the correct URL to get credit.