**Topic: TableViewController in a Master-Detail app**

Intro

* Look at due dates
* Reminder about code reviews

Review—Sections and Index

* Look at the Xamarin plants example: **BasicTableIndex**  
  <https://github.com/xamarin/ios-samples/tree/master/WorkingWithTables/Part%202%20-%20Populating%20a%20table%20with%20data/2%20-%20BasicTableIndex>
  + Look at how the sections and index are built
* Look at my **TableViewDemo**  
  <https://github.com/LCC-CIT/cs235imTableViewDemo>
  + Show them how I did the same thing with hard-coding

Master-Detail App

* Look at my **TableViewDemo** again.
  + Focus on Prepare for Segue in the TableViewController. Note the we don’t have to write an event handler for a row-touch event.
* Xamarin/ios-samples/**StoryboardTable**: Master-Detail app
  + - NavigationController + TableViewController + ViewController
    - Uses a Segue from master to detail
      * Passes a reference to the TableViewController and to the task object from the Table’s data source. (Note that pass-by-reference is the default for objects in C#.)
    - Master and detail are editable, detail has multiple controls
      * No persistence, edits are just stored in memory
      * Changes to the tasks are stored back in the TableViewController’s data source.

Additional Example

<https://github.com/xamarin/ios-samples/tree/master/SearchDemo>

A master-detail style of app with a UITableViewController and UINavigationController. It also shows how to add a UISearchBar to a UITableView. The search in this case calls the Bing web service to retrieve results. The associated web page is loaded in a UIWebView when a row is selected in the table.