**Introduction**

The purpose of this lab is to give you practice using a TableView.

**ASCII Chart App**

Create an app that displays a list of ASCII characters along with their decimal codes as a detail that is displayed to the right of the character. These will be displayed in a Table View. When you click on one of the cells in the table, a detail view will open that shows:

* The symbol, like: *!*
* A description of the character, like: *exclamation point*
* The decimal and hex values, like: *Decimal 33, Hex 0x21*

Here is a link to a website that provides downloadable ASCII charts in various formats, including an Excel Spreadsheet: [ASCII Table, ASCII Codes](http://www.theasciicode.com.ar)

Optional features:

* Add an index to the table.
* Add an image to each cell in the table.

Alternative lab assignment: Propose an app of your choice that is similar to the one above, but that has a master view displaying some other kind of information, like a table of elements.

**Submission:**

Zip the solution folder and upload it.  
Put the screen shots in a document, label each screen shot, and upload the document.

