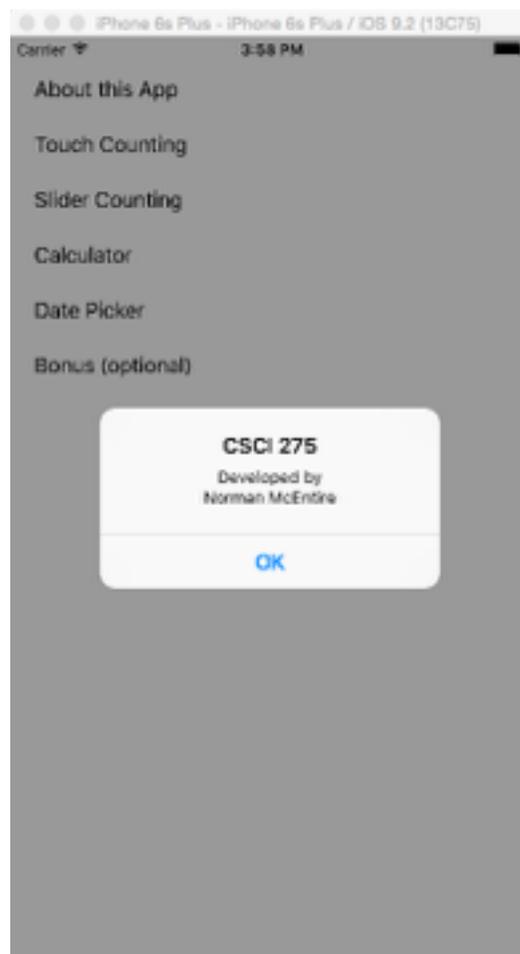


# CSCI 275 iOS Development Midterm Exam/Programming Assignment

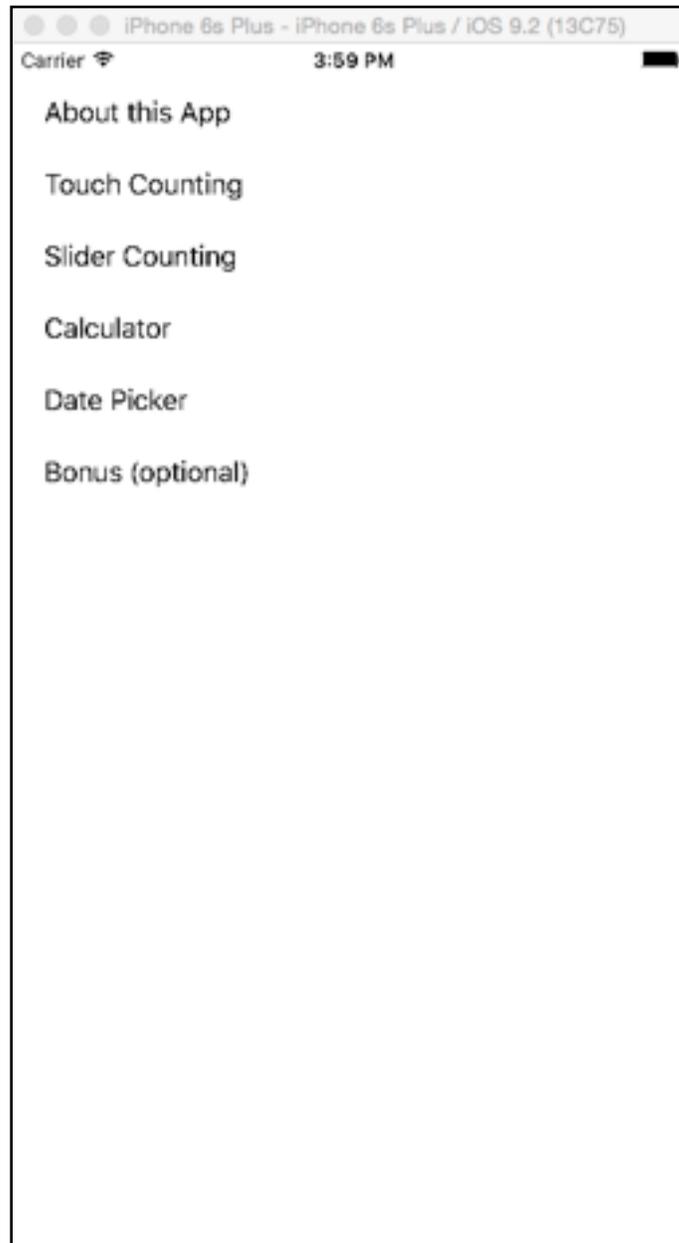
Instructions: From scratch, create an iOS Single View app that performs the following functions.

Step 1. Create a **Single View** Application named **Midterm-LASTNAME** (replace LASTNAME with your last name).

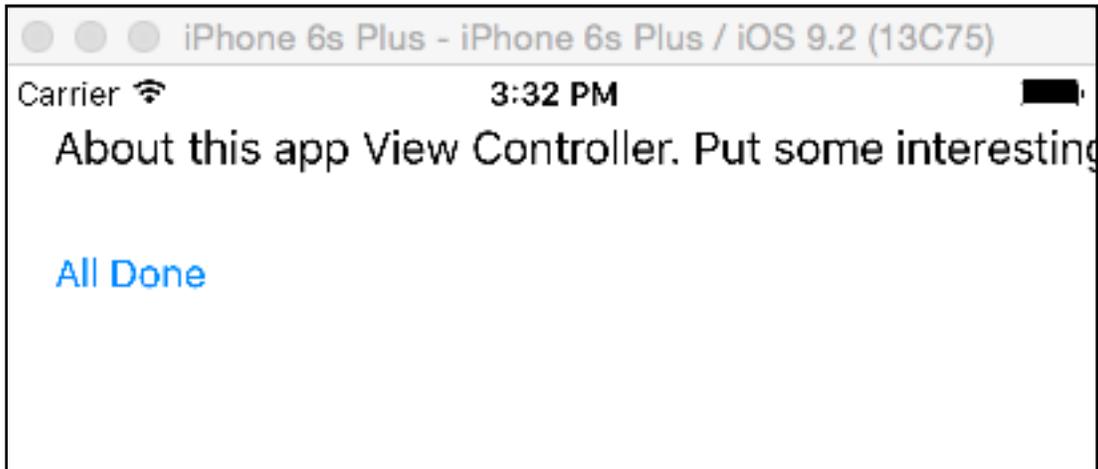
Step 2. Add code to your AppDelegate.swift to display a **UIAlertView** when your code starts up:



Step 3. Add a UITableView to your ViewController, with the values shown below.

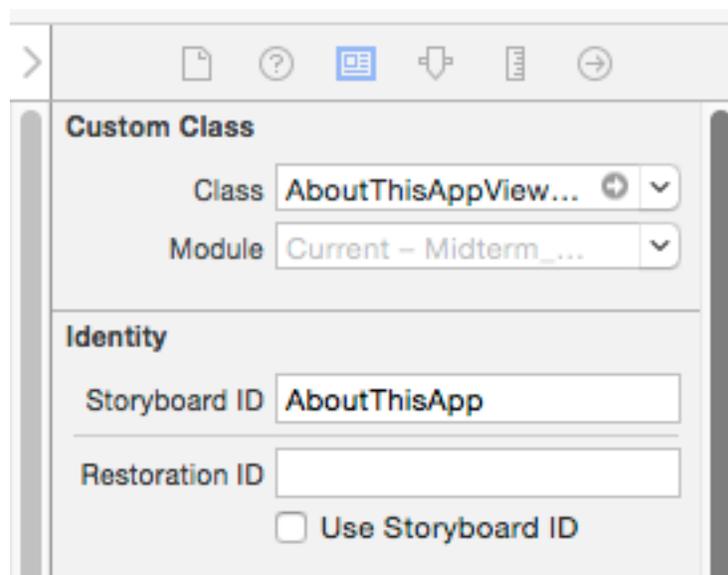


Step 4. Add AboutThisAppViewController. Place something interesting about the app on this view controller. It is displayed when the user selects “About This App” from the main view controller. Use the code segment shown below as a hint of how to display the AboutThisAppViewController from the ViewController.

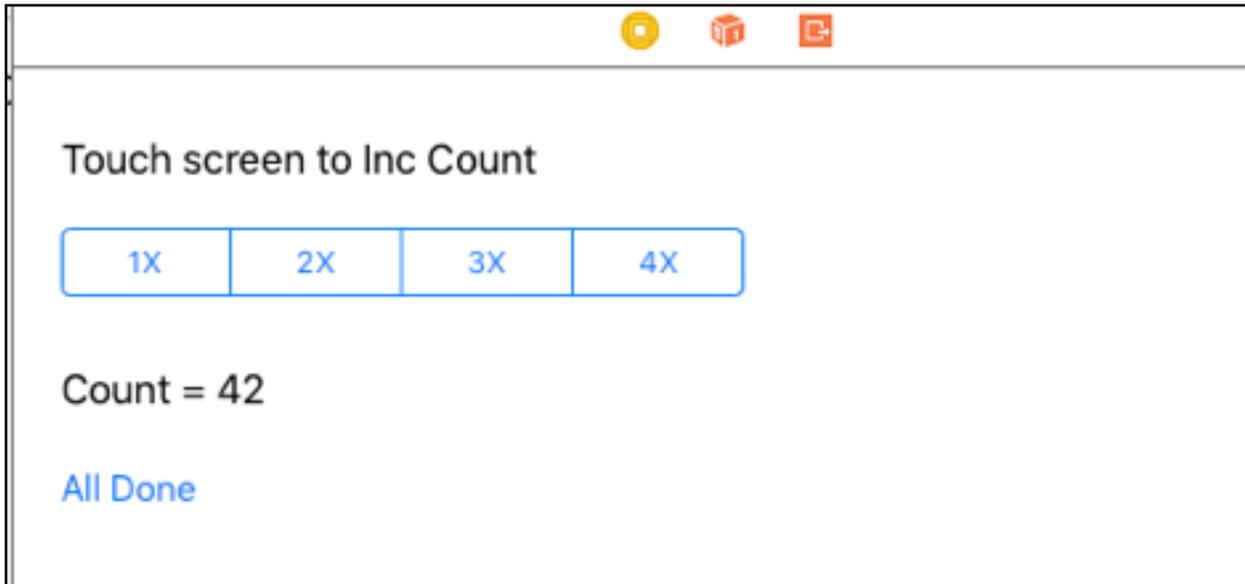


```
func tableView(tableView: UITableView, didSelectRowAtIndexPath indexPath: NSIndexPath) {  
    switch (indexPath.row) {  
    case 0:  
        let vc = storyboard?.instantiateViewControllerWithIdentifier("AboutThisApp")  
        presentViewController(vc!, animated: true, completion: nil)  
    default:  
        NSLog("NEVER!")  
    }  
}
```

Another hint when using Storyboard:



Step 5. Display a TouchCountingViewController. Tapping on the screen increments the count.



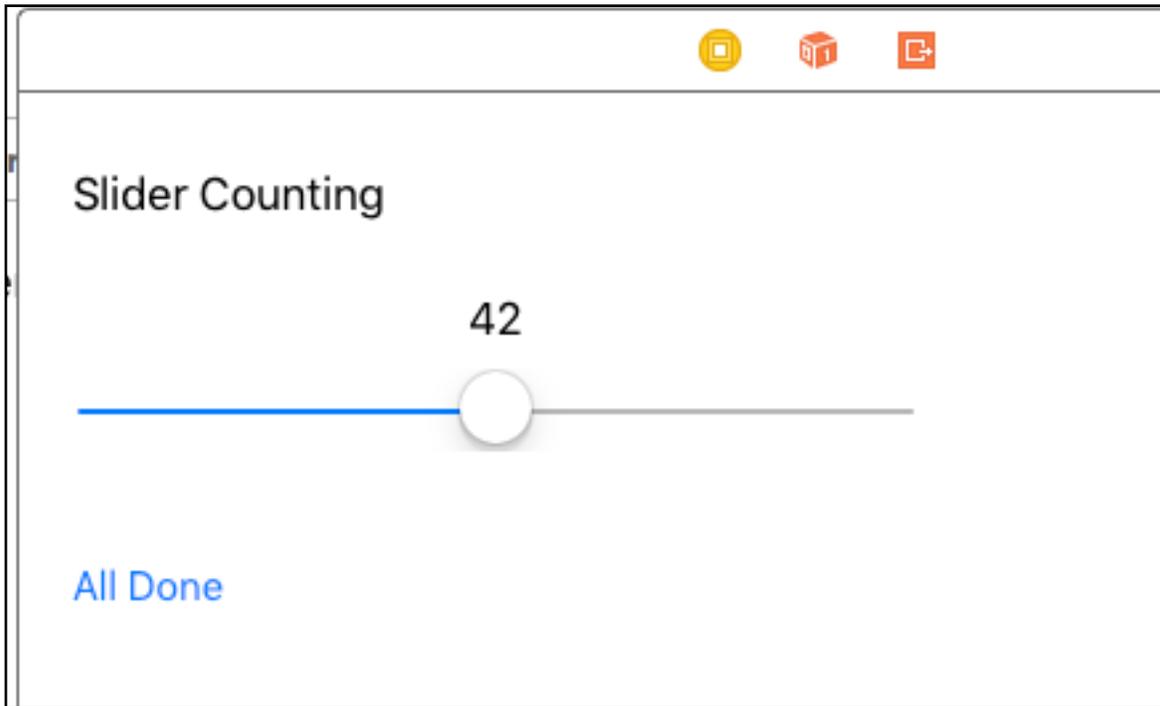
If 1X selected (the default), touching screen should increment by 1.

If 2X is selected, touching screen should increment by 2.

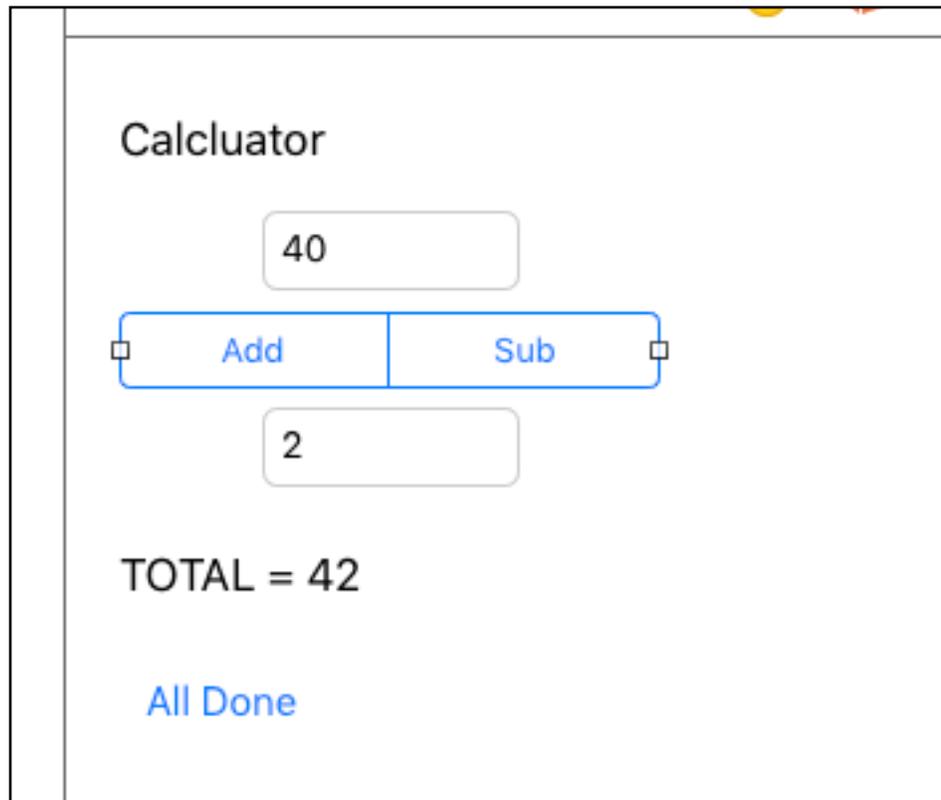
And so forth.

Touching All Done button returns you to the original ViewController.

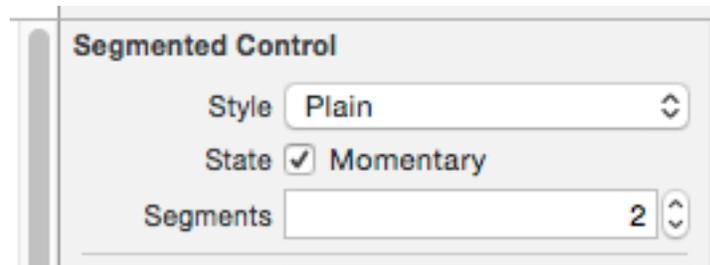
Step 6. Add a SlidingCounterViewController that allows you to increment/decrement the count from 0 to 100 by moving the slider.



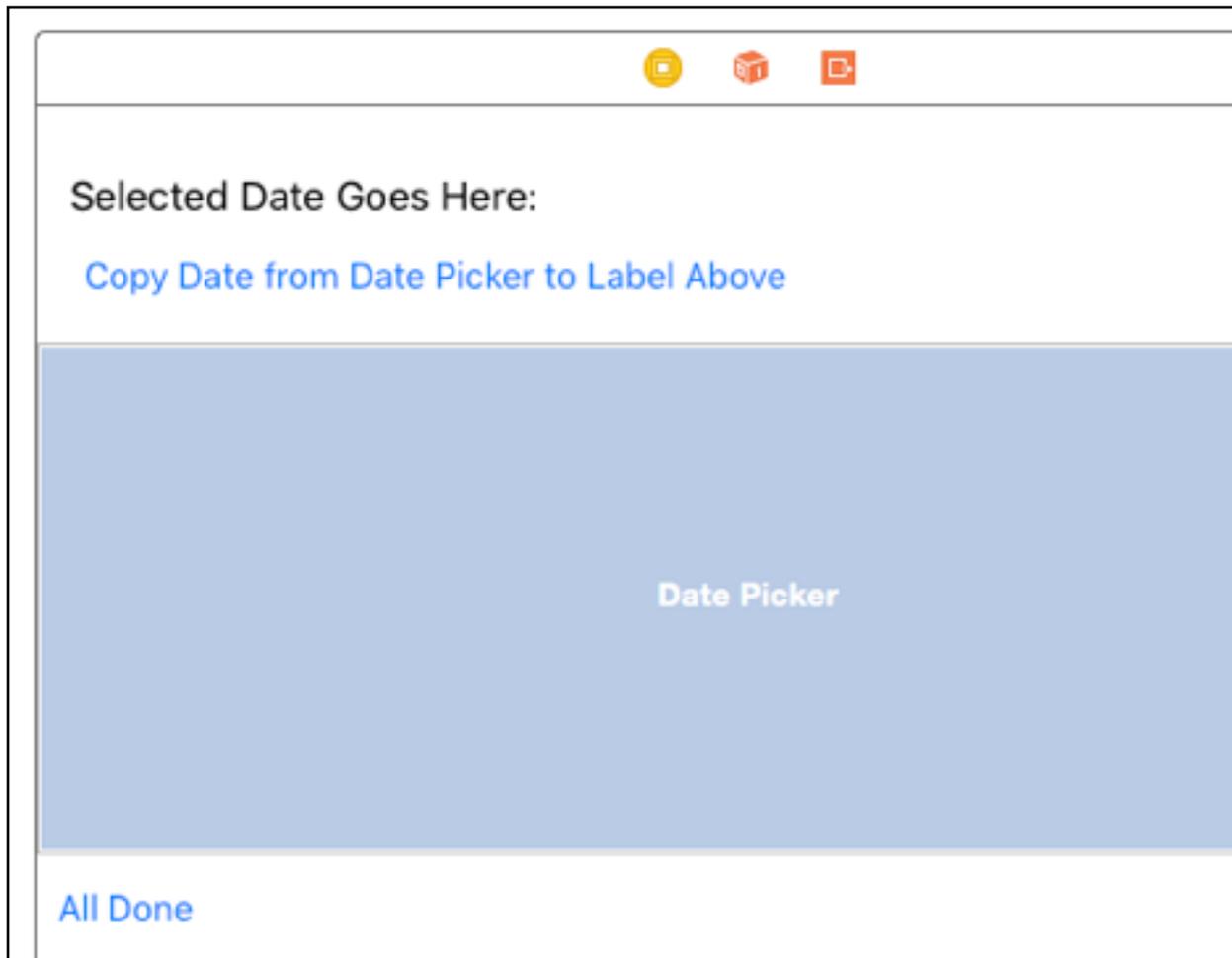
Step 7. CalculatorViewController. Be sure to set the UISegmentedControl to Momentary.



Be sure to set SegmentedControl to Momentary.



Step 8. Display a Date Picker, showing how you can read the date from the Picker.



Step 9. This is an optional step. Implement a BonusViewController to demonstrate another skill you have learned during the first 8 weeks of this taking this course.

NOTE: This step is optional. You are not required to create a BonusViewController.