CSCI 321/521 Assignment 4

Assignment

In this assignment, you will write a list application that will display information about Presidents of the United States.
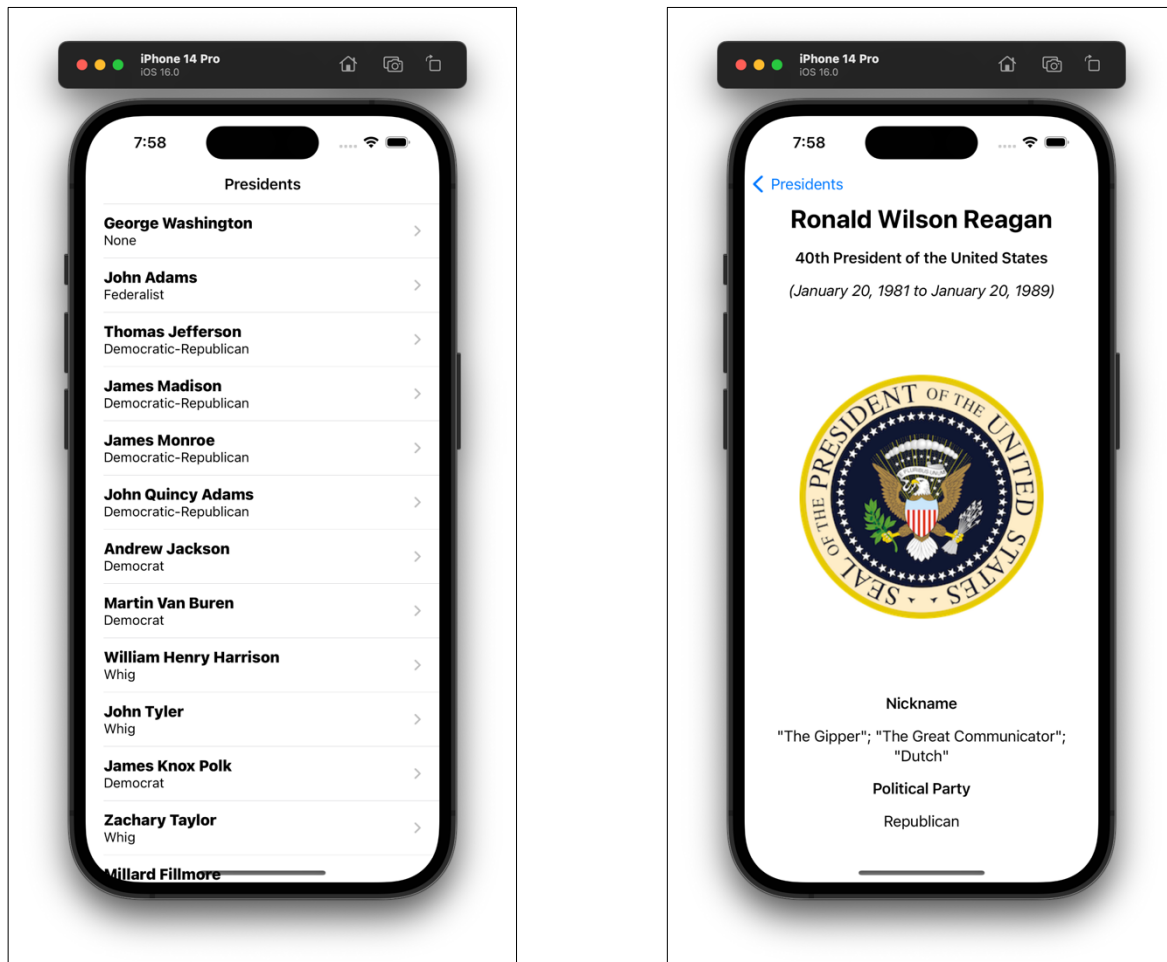
Program

Create an app that will read data from a property list file and display it in a `List`.

You can download the property list file `presidents.plist` and images for this app from Blackboard and add them to your project. The property list stores its data as an array of dictionaries. Here's the XML for the dictionary for a single president:

```
<dict>
    <key>Name</key>
    <string>George Washington</string>
    <key>Number</key>
    <integer>1</integer>
    <key>Start Date</key>
    <string>April 30, 1789</string>
    <key>End Date</key>
    <string>March 3, 1797</string>
    <key>Nickname</key>
    <string>&quot;Father of His Country&quot;</string>
    <key>Political Party</key>
    <string>None</string>
</dict>
```

Screenshots

Here are some screenshots of what a master view controller and detail view controller for your app might look like:

The Presidential Seal used on the detail view controller is a placeholder image that will be replaced with a downloaded image of the president in the next assignment. The image `seal.png` can be downloaded from Blackboard and added to your project. Using an image on your detail view controller is optional.

Notes

- Sort the presidents in ascending order by number.
- To convert 1 to "1st", 2 to "2nd", etc., use a `NumberFormatter` with the style `NumberFormatter.Style.ordinal`.
- Files added to your project must be copied in, not added as symbolic links. Make sure that the check box that controls this is checked when you add a file to your project.
- Your app should include app icons. An images for this purpose is available on Blackboard.