CSC 218 – Project 1

Create an iOS app using the Single View template, Storyboard. You do not need unit testing or Git respositories.

Name your project using your last name and then StreamingServices. For example, my project would be named HalseyStreamingServices.
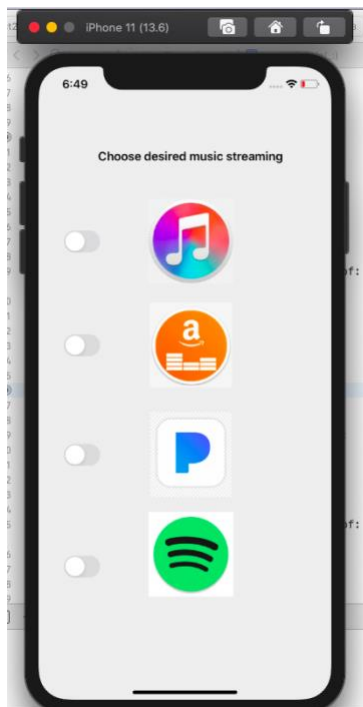
Your project will contain:
- A heading label at the top, "Choose desired music streaming"
- Four image assets (provided in Canvas)
- Four UISwitch components
- Four ImageView Components
- A label at the bottom that is populated dynamically as the user toggles the switches on and off

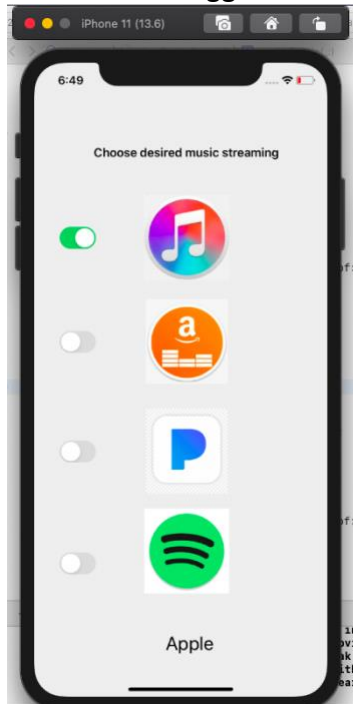You should have the following outlets and actions:
- An outlet for the bottom (dynamic label)
- An outlet for each of your switches
- An action method for each of your switches

See example screenshots (you can design your UI differently as long as it has the proper functionality)
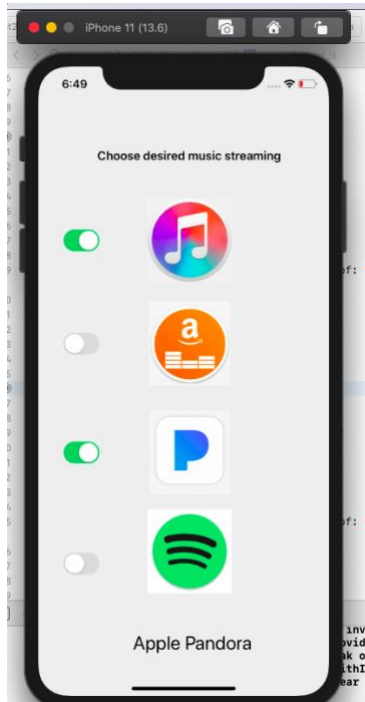
At first all toggles are off (hint: do this in ViewDidLoad method)

When a user toggles a button, the streaming service is listed in the bottom label:
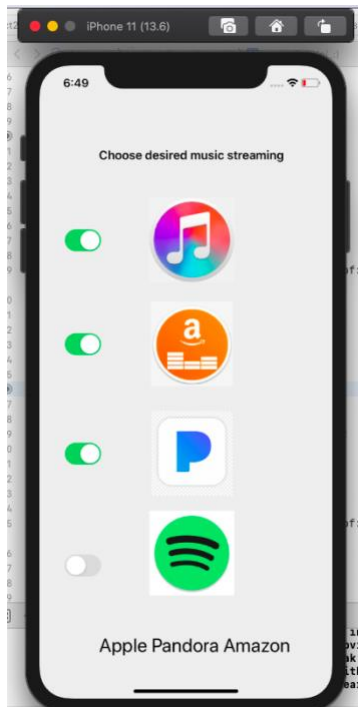

Notice "Apple" in the label

And when the next one is toggled, that word is added:

Notice "Apple Pandora" in the label

The string keeps building …..

When a user toggles OFF a switch, the appropriate word is removed from the label:

Notice "Pandora" is removed…

To help you get started, here is sample code of how the first Switch works, including outlet, turning it off to start with in ViewDidLoad, and the toggle action to add and remove the string to the bottom label.

Notice:

- There is an outlet for my bottom label that I named streamingLabel (you can use your own name), and an outlet for the switch.
- Then I use both of those outlets in my code.
- I also created an action for my switch, and programmed it accordingly to update the streaming label.

```swift
8
9   import UIKit
10
11  class ViewController: UIViewController {
12
    @IBOutlet weak var AppleToggle: UISwitch!
14
    @IBOutlet weak var streamingLabel: UILabel!
16      override func viewDidLoad() {
17          super.viewDidLoad()
18          // Do any additional setup after loading the view.
19          streamingLabel.text = "";
20          AppleToggle.isOn = false;
21      }
22
    @IBAction func appleToggle(_ sender: Any) {
24          if AppleToggle.isOn {
25              let m = streamingLabel.text;
26              streamingLabel.text = m! + " Apple";
27
28          } else {
29
30              if streamingLabel.text != nil {
31                  var str = streamingLabel.text
32                  str =  str!.replacingOccurrences(of: "Apple",
                          with: "")
33                  streamingLabel.text = str;
34              }
35
36          }
37      }
38
39
40  }
```