CISC-4400/5410 MOBILE DEVICE PROGRAMMING FORDHAM UNIVERSITY

Prof. Kounavelis FALL 2024 LINCOLN CENTER

LAB#4

URL navigation view, and the use of multiple files for a project. Sample code is provided and you must finish the LAB as instructed by the professor.

Email swiftUI, Swift programming code and a screenshot(s) of the simulator display to Michael Kocovic, the TA for this class. His email will be given in the Bb -> Announcements. Thank you.

Cities

————

Boston

Nashville

\* NYC

\* Miami

\* Dallas

\* Denver

* Chicago
* Seattle

//

// ContentView.swift

// citiesNavigationLab4\_2025

//

// Created by Nick Kounavelis on 2/16/25.

//

**import** SwiftUI

**struct** ContentView: View {

**var** body: **some** View {

NavigationView {

ZStack {

Color(.lightGray)

.ignoresSafeArea()

VStack {

NavigationLink(destination: bostonView()) {

Text("BOSTON")

.padding()

.background(Color.green)

.foregroundColor(.black)

.font(.title)

.cornerRadius(10)

.padding(.bottom, 55)

} // end nav link Boston

NavigationLink(destination: nashvilleView()) {

Text("NASHVILLE")

.padding()

.background(Color.green)

.foregroundColor(.black)

.font(.title)

.cornerRadius(10)

.padding(.bottom, 55)

}

} // end VStack

.navigationTitle("US Cities")

} // end ZStack

} // end navigation view

} // end body

} // end struct

#Preview {

ContentView()

}

//

// bostonView.swift

// citiesNavigationLab4\_2025

//

// Created by Nick Kounavelis on 2/16/25.

//

**import** SwiftUI

**struct** bostonView: View {

@State **private** **var** cityInfo: String = ""

**var** body: **some** View {

VStack {

Spacer()

Image(systemName: "moon.stars.fill")

Spacer()

Image("boston")

.resizable()

Spacer()

Text(cityInfo)

.frame(width: 300, height: 80, alignment: .leading)

.background(Color.green)

.foregroundColor(Color.black)

} // end VStack

.onAppear() {

cityInfo = "The Boston tea Party ship is here in the harbor. Check it out! The picture is that of the Prudential Tower."

}

} // end body

} // end streuct

#Preview {

bostonView()

}