

Northern Michigan University (Marquette Co, MI)

CS344-01-24W: iOS / iPhone Programming (Andrew A. Poe) Name: _____
Quiz 7

Friday 1 November 2024 1:00 P.M. EDT

Time: 15 minutes.

In Swift, write the viewDidLoad method for the first view controller in a tab bar controller. It should attach a method to a button (that already exists).

Also write the button method. This button method examples three text fields on the FIRST view controller. It then writes to a label in the SECOND view controller the text that comes first in alphabetical order from the three text fields.

For example, if one text field contains "I", another contains "HATE", and the third contains "MAYONNAISE", the label on the second view controller should contain "HATE".

```
@IBOutlet var tf1:UITextField?
@IBOutlet var tf2:UITextField?
@IBOutlet var tf3:UITextField?
@IBOutlet var butt:UIButton?
var svc:SecondViewController?

override func viewDidLoad() {
    super.viewDidLoad()
    svc = tabBarController!.viewControllers![1] as! SecondViewController
    _ = svc!.view
    butt!.addTarget
(self, action:#selector(smallest), for:UIControl.Event.touchUpInside)
}

@objc func smallest () {
    if (tf1!.text <= tf2!.text && tf1!.text <= tf3!.text) {
        svc!.lab!.text = tf1!.text
    }
    if (tf2!.text <= tf1!.text && tf2!.text <= tf3!.text) {
        svc!.lab!.text = tf2!.text
    }
    if (tf3!.text <= tf1!.text && tf3!.text <= tf2!.text) {
        svc!.lab!.text = tf3!.text
    }
}
```