

Northern Michigan University (Marquette Co, MI)
CS344-01-24F iOS / iPhone Programming (Andrew A. Poe)
Practice Quiz 7
Thursday 31 October 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 examines a textfield's text from the FIRST view controller and either YES or NO in a label in the SECOND view controller depending on whether, if spaces don't count, the textfield's text is a palindrome. For example, "MADAM IM ADAM" causes YES to be printed in the second view controller. "SIR IM EVE" causes NO to be printed.

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```
@IBOutlet var tf: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(flip),for:UIControl.Event.touchUpInside)
}

@objc func flip () {
    var s = ""
    for c in String(tf!.text!) {
        if c != " " {s.append(c)}
    }
    if s == String(s.reversed()) {
        svc!.lab!.text = "YES"
    }
}
```

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```
    } else {  
        svc!.lab!.text = "NO"  
    }  
}
```