Northern Michigan University (Marquette Co, MI)

CS344-01-26F: iOS / iPhone Programming (Andrew A. Poe) Name: _____
Quiz 7 Friday 30 October 2026 2:00 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 two text fields on the FIRST view controller, the string that comes first alphabetically is copied into a third text field on the FIRST view controller. The string that comes last is copied into a text field on the SECOND view controller.

For example, if one text field contains "LORD", and the other contains "GREYSTOKE", the third text field on the first view controller should contain "GREYSTOKE", and the text field on the second view controller should contain "LORD" (when the button is clicked).

```
    @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(decide),for:UIControl.Event.touchUpInside)
    }

    @objc func decide () {
        if tf1!.text < tf2!.text {
            tf3!.text = tf1!.text
            svc!.tf!.text = tf2!.text
        } else {
            tf3!.text = tf2!.text
            svc!.tf!.text = tf1!.text
        }
    }
```