

Northern Michigan University (Marquette Co, MI)

CS344-01-25F: iOS / iPhone Programming (Andrew A. Poe) Name: _____
Quiz 3

Friday 19 September 2025 3:00 P.M. EDT

Time: 15 minutes.

On the iPhone screen are a button and two labels. The button is connected to a variable `butt:UIButton?` and the labels are connected to variables `lab1:UILabel?` and `lab2:UILabel?`. No action has yet been connected to the button.

When the button is clicked, the text from the labels should switch places. If label 1 contained "Scooby" and label 2 contained "Shaggy," after clicking, label 1 would contain "Shaggy" and label 2 would contain "Scooby".

Write the appropriate code so that the button will perform this action. You do not have to write code to place the buttons and label onto the view. You only have to write the code and the code to connect the action to the button.

```
func viewDidLoad ()

    super.viewDidLoad () {
        butt!.addTarget(self, action: #selector(Switch),for:
                        UIControl.Event.touchUpInside)
    }

@objc func Switch () {

    var t = lab1!.text
    lab1!.text = lab2!.text
    lab2!.text = t
}
```