

Northern Michigan University (Marquette Co, MI)

CS344-01-24F: iOS/iPhone Programming

Practice Quiz 4: Thursday 26 September 2024 1:00 P.M. EDT

Time: 15 minutes

Using only Swift, and not the storyboard, write a `viewDidLoad` method that creates two text fields and a button, reasonably sized and spaced, and places them on the view. The button should be labeled "Swap". When the button is clicked, the text inside the two text fields switches places with each other.

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```
var t1,t2:UITextField?  
var butt:UIButton?  
override func viewDidLoad() {  
    super.viewDidLoad()  
    t1 = UITextField()  
    t1!.frame = CGRect  
(x:50,y:50,width:120,height:50)  
    t2 = UITextField()  
    t2!.frame = CGRect  
(x:150,y:50,width:120,height:50)  
    view.addSubview (t1!)  
    view.addSubview (t2!)  
    butt = UIButton ()  
    butt!.setTitle  
("Swap",for:UIControl.State.normal)
```

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```
        butt!.frame = CGRect
(x:250,y:50,width:120,height:50)
        butt!.addTarget
(self,action:#selector(Click),for:UIControl.Event
.touchUpInside)
        view!.addSubview (butt!)
}
```

```
@IBAction func Click {
```

```
    var temp = t1!.text
    t1!.text = t2!.text
    t1!.text = temp
}
```