Northern Michigan University (Marquette Co, MI)

Time: 15 minutes.

On the iPhone screen is a button and a label. The button is connected to a variable butt:UIButton? and the label is connected to a variable lab:UILabel? No action has yet been connected to the button.

There are two actions for the button. Action1 changes the label to read "Hi There!" Action2 changes the label to read "Uh Oh Sergio". The first time you click on a button Action1 runs. The second time Action2. The third time Action1. The fourth time Action2, and so forth.

Write a viewDidLoad, Action1, and Action2 methods. Remember, no action has been connected to the button in the storyboard.

```
override func viewDidLoad () {

 super.viewDidLoad () {
 butt!.addTarget(self, action: #selector(Action1),
                 for: UIControl.Event.touchUpInside)
}

@IBAction func Action1 {

 lab!.text = "Hi There!"
 butt!.addTarget(self, action: #selector(Action2),
                 for: UIControl.Event.touchUpInside)
}

@IBAction func Action2 {

 lab!.text = "Uh Oh Sergio"
 butt!.addTarget(self, action: #selector(Action1),
                 for: UIControl.Event.touchUpInside)
}
```