

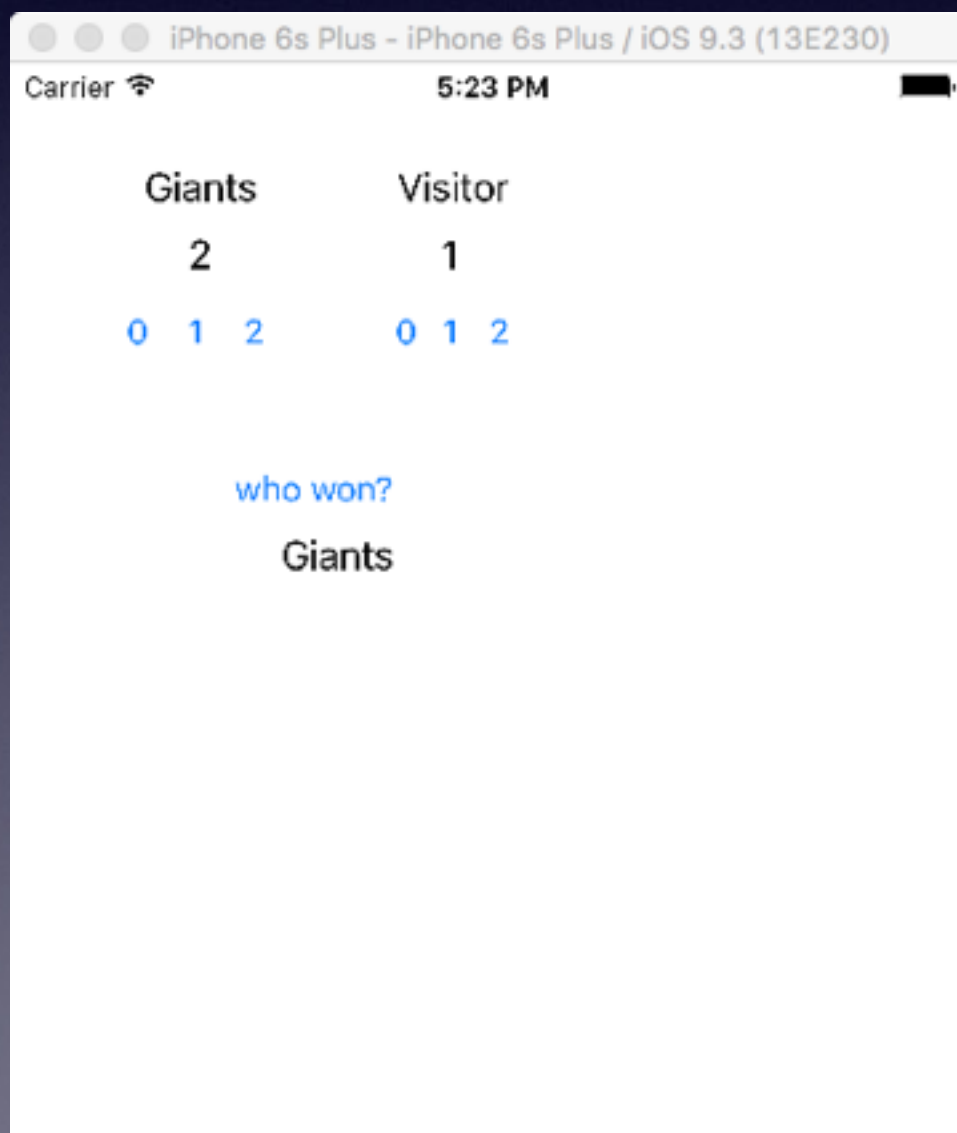
Model - View - Controller (MVC)

CS112 Unit 10
Max Luttrell, Fall 2016

until now...

- our apps have had a user interface, created in Interface Builder, with some connections to a UIViewController object

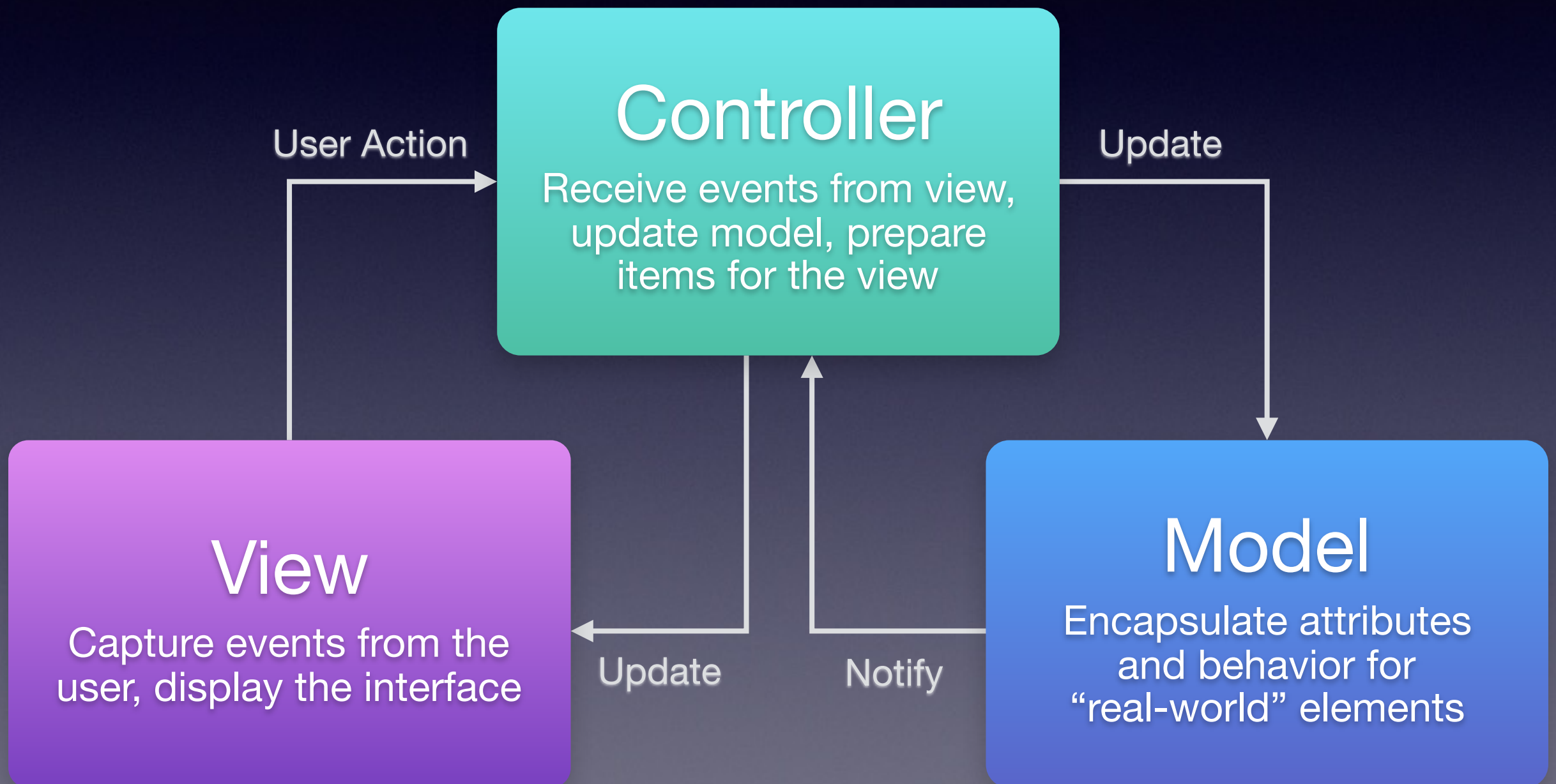
“The giants zero button was tapped!”



```
class ViewController: UIViewController {  
  
    // MARK: Outlets  
    @IBOutlet weak var giantsScoreLabel: UILabel!  
    @IBOutlet weak var visitorScoreLabel: UILabel!  
    @IBOutlet weak var resultLabel: UILabel!  
  
    // MARK: Actions  
    @IBAction func giantsZero(sender: UIButton) {  
        giantsScoreLabel.text = "0"  
    }  
}
```

“OK, set the giants score label text to “0”

Model-View-Controller (MVC)



using MVC

- view - Storyboard
- control - a custom ViewController object
- model - a custom class (or multiple classes) tailored for our app, e.g. class Score

demo - build a stop watch
app using MVC