

## Shift X-code application

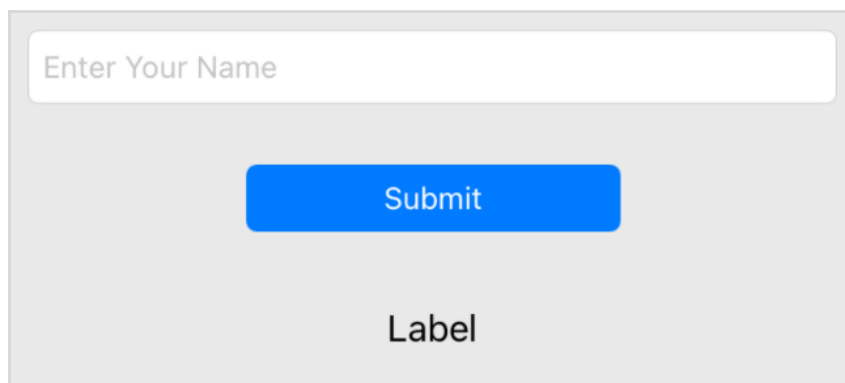
### **\*\*Simple print your name\*\***

—>Main

-Text field

-Button

-Label



—>ViewController

**import** UIKit

**class** ViewController: UIViewController {

**@IBOutlet weak var** edittext: UITextField!

**@IBOutlet weak var** nameview: UILabel!

**override func** viewDidLoad() {

**super**.viewDidLoad()

        // Do any additional setup after loading the view.

    }

**@IBAction func** submit(\_ sender: **Any**) {

        nameview.text = (edittext.text ?? "")

    }

}

---

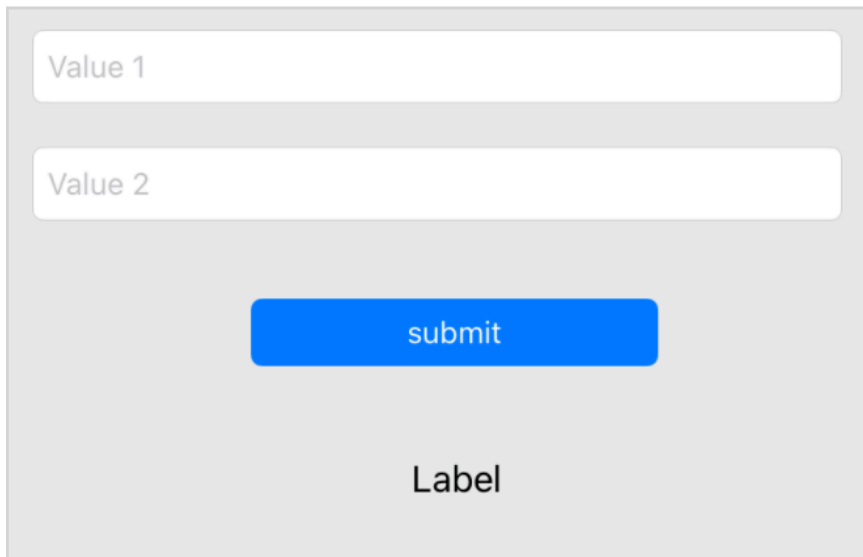
### **\*\*Addition Two Numbers\*\***

—>Main

-Text field

-Button

-Label



```
import UIKit
```

```
class ViewController: UIViewController {
```

```
    @IBOutlet weak var value1: UITextField!
```

```
    @IBOutlet weak var value2: UITextField!
```

```
    @IBOutlet weak var display: UILabel!
```

```
    override func viewDidLoad() {
```

```
        super.viewDidLoad()
```

```
        // Do any additional setup after loading the view.
```

```
    }
```

```
    @IBAction func calculate(_ sender: Any) {
```

```
        let a = Double(value1.text!)
```

```
        let b = Double(value2.text!)
```

```
        let c = Double(a!+b!)
```

```
        display.text = "Addition is : \(c)"
```

```
    }
```

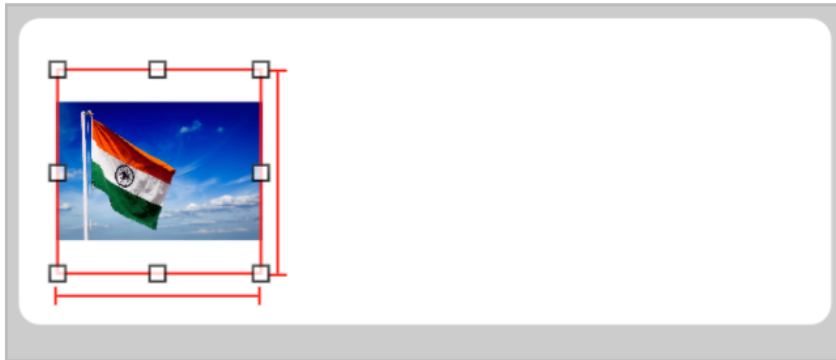
```
}
```

---

## **\*\*Circular Image\*\***

—>Main

-image view



```
import UIKit
```

```
class ViewController: UIViewController {
```

```
    @IBOutlet weak var image: UIImageView!
```

```
    override func viewDidLoad() {  
        super.viewDidLoad()
```

```
        image.layer.borderWidth = 1  
        image.layer.masksToBounds = false  
        image.layer.borderColor = UIColor.black.cgColor  
        image.layer.cornerRadius = image.frame.height/2  
        image.clipsToBounds = true
```

```
        // Do any additional setup after loading the view.
```

```
    }  
}
```

---

## **\*\*Web View\*\***

```
import UIKit
```

```
import WebKit
```

```
class ViewController: UIViewController, WKUIDelegate {
```

```
    var webView: WKWebView!
```

```

override func loadView() {
    let webConfiguration = WKWebViewConfiguration()
    webView = WKWebView(frame: .zero, configuration: webConfiguration)
    webView.uiDelegate = self
    view = webView
}

override func viewDidLoad() {
    super.viewDidLoad()

    let url = URL(string: "https://www.google.com/")
    webView.load(URLRequest(url: url!))

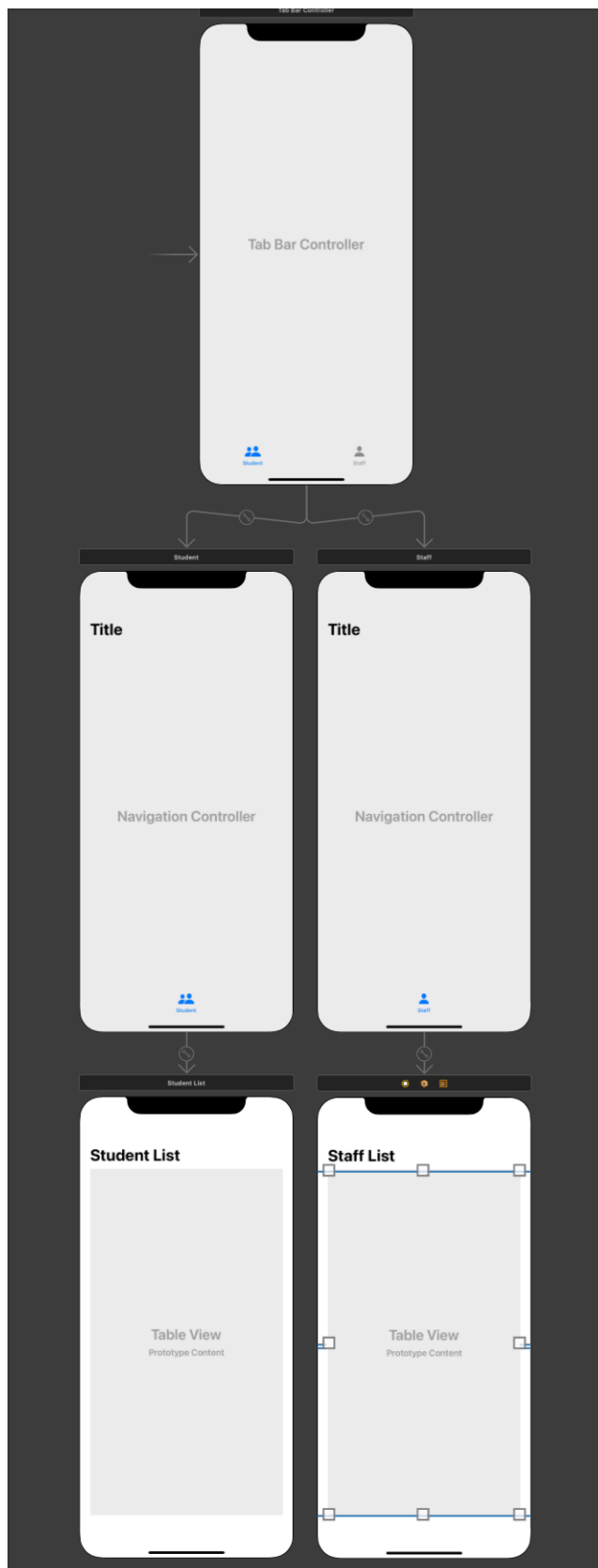
    // Do any additional setup after loading the view.
}
}

```

---

## **\*\*Tabbar + navigation + Table View\*\***

- Tab Bar Controller
- Navigation Controller
- Table View



```
import UIKit
```

```
class StudentListViewController: UIViewController, UITableViewDelegate, UITableViewDataSource {
```

```

let student_list = ["bhargav","nishant","triple"]

func tableView(_ tableView: UITableView, numberOfRowsInSection section:
Int) -> Int {
    return student_list.count
}

func tableView(_ tableView: UITableView, cellForRowAt indexPath: IndexPath)
-> UITableViewCell {
    let cell = UITableViewCell.init(style: .default, reuseIdentifier: "studentCell")
    cell.textLabel?.text = student_list[indexPath.row]

    cell.clipsToBounds = true
    cell.layer.cornerRadius = 10

    cell.selectedBackgroundView?.backgroundColor = .blue

    return cell
}

func tableView(_ tableView: UITableView, didSelectRowAt indexPath:
IndexPath) {

    let student_selected = student_list[indexPath.row]
    let alert = UIAlertController(title: "Student Selected", message: "You have
to select \"(student_selected)\", preferredStyle: .alert)
    alert.addAction(UIAlertAction(title: "ok", style: .default, handler: nil))
    self.present(alert, animated: true, completion: nil)
}

override func viewDidLoad() {
    super.viewDidLoad()

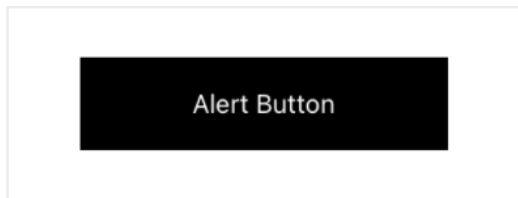
    // Do any additional setup after loading the view.
}
}

```

---

## **\*\*Alert Dialog Box \*\***

-Button



```
import UIKit
```

```
class ViewController: UIViewController {
```

```
    @IBAction func alert(_ sender: Any) {  
        showAlert()  
    }
```

```
    override func viewDidLoad() {  
        super.viewDidLoad()  
        // Do any additional setup after loading the view.  
    }
```

```
    func showAlert(){  
        let alert = UIAlertController(title: "Alert", message: "You have to click  
button", preferredStyle: .alert)  
  
        alert.addAction(UIAlertAction(title: "ok", style: .default, handler: nil))  
  
        self.present(alert, animated: true, completion: nil)  
    }  
}
```