

```

import UIKit

class ViewController: UIViewController {

    // Outlets
    @IBOutlet weak var usernameTextField: UITextField!
    @IBOutlet weak var passwordTextField: UITextField!
    @IBOutlet weak var messageLabel: UILabel! // Add this outlet for the message label

    // Constants
    let validUsername = "user"
    let validPassword = "password"

    // Actions
    @IBAction func loginButtonTapped(_ sender: UIButton) {
        // Check if username and password match
        guard let username = usernameTextField.text, let password = passwordTextField.text else {
            setMessageLabel(with: "Username or password field is empty")
            return
        }

        if username == validUsername && password == validPassword {
            setMessageLabel(with: "Success")
        } else {
            setMessageLabel(with: "Invalid username or password")
        }
    }

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

    // Function to set the message label text
    func setMessageLabel(with message: String) {
        messageLabel.text = message
    }
}

```

Data Passing:

1. Org View controller

```
import UIKit

class ViewController: UIViewController {

    @IBOutlet weak var passwordTxt: UITextField!
    @IBOutlet weak var emailTxt: UITextField!
    override func viewDidLoad() {
        super.viewDidLoad()
        // Do any additional setup after loading the view.
    }

    @IBAction func btnTapped(_ sender: Any) {
        let vc = self.storyboard?.instantiateViewController(withIdentifier:
            "DataDetailsViewController") as! DataDetailsViewController
        vc.email = emailTxt.text!
        vc.password = passwordTxt.text!
        self.navigationController?.pushViewController(vc, animated: true)
    }
}
```

2. Data View controller

```
7
8 import UIKit
9
10 class DataDetailsViewController: UIViewController {
11     @IBOutlet weak var EmailLbl: UILabel!
12     @IBOutlet weak var passwordLbl: UILabel!
13
14     var email = ""
15     var password = ""
16     override func viewDidLoad() {
17         super.viewDidLoad()
18         EmailLbl.text = "Email: \(email)"
19         passwordLbl.text = "Password: \(password)"
20     }
21
22
23
24
25 }
26
```