Snapkit

Installation

```
1   # 1 - Installation
2   $ gem install cocoapods
3
4   # 2 - Specify info about SnapKit in Podfile
5
6   # 3 - Install SnapKit
7   $ pod install
```

`Podfile`

```
1   source 'https://github.com/CocoaPods/Specs.git'
2   platform :ios, '10.0'
3   use_frameworks!
4
5   target 'SnaoKitDemo' do
6       pod 'SnapKit', '~> 5.0.0'
7   end
```

Usage

```
1   import UIKit
2   import SnapKit
3
4   class ViewController: UIViewController {
5
6       override func viewDidLoad() {
7           super.viewDidLoad()
8           self.view.backgroundColor = .systemTeal
9
10          let userNameTextField = UITextField()
11          self.view.addSubview(userNameTextField)
12          userNameTextField.placeholder = "Username"
13          userNameTextField.textColor = .black
14          userNameTextField.textAlignment = .center
15          userNameTextField.backgroundColor = .white
16          userNameTextField.layer.borderWidth = 1
17          userNameTextField.layer.borderColor = .init(red: 238/255, green:
    90/255, blue: 36/255, alpha: 1.0)
18          userNameTextField.layer.cornerRadius = 8
```

```swift
19          //Use SnapKit for Auto Layout
20          userNameTextField.snp.makeConstraints { (make) -> Void in
21              make.left.equalToSuperview().offset(20)
22              make.height.equalTo(50)
23              make.center.equalTo(self.view)
24          }
25
26          let passwordTextField = UITextField()
27          self.view.addSubview(passwordTextField)
28          passwordTextField.placeholder = "Password"
29          passwordTextField.textColor = .black
30          passwordTextField.textAlignment = .center
31          passwordTextField.isSecureTextEntry = true
32          passwordTextField.backgroundColor = .white
33          passwordTextField.layer.borderWidth = 1
34          passwordTextField.layer.borderColor = .init(red: 238/255, green:
    90/255, blue: 36/255, alpha: 1.0)
35          passwordTextField.layer.cornerRadius = 8
36          passwordTextField.layer.masksToBounds = true
37          passwordTextField.snp.makeConstraints { (make) -> Void in
38              make.left.equalToSuperview().offset(20)
39              make.top.equalTo(userNameTextField.snp.topMargin).offset(50)
40              make.height.equalTo(50)
41              make.centerX.equalTo(self.view)
42          }
43      }
44  }
```