

```
// Created on: Oct 2017
// Created by: James Lee
// Created for: ICS3U
// This program is the GUI for Address program
// this will be commented out when code moved to Xcode
```

```
import PlaygroundSupport
```

```
import UIKit
```

```
class ViewController : UIViewController {
    // this is the main view controller, that will show the UIKit
    elements

    // properties
    var cityLabel : UILabel!
    var provinceLabel : UILabel!
    var nameLabel : UILabel!

    override func viewDidLoad() {
        // UI
        super.viewDidLoad()

        let view = UIView()
        view.backgroundColor = ☐
        self.view = view

        cityLabel = UILabel()
        cityLabel.text = "Ottawa"
        view.addSubview(cityLabel)
        cityLabel.translatesAutoresizingMaskIntoConstraints = false
        cityLabel.topAnchor.constraint(equalTo: view.topAnchor,
            constant: 20).isActive = true
    }
}
```

```
cityLabel.leadingAnchor.constraint(equalTo:
    view.leadingAnchor, constant: 20).isActive = true

provinceLabel = UILabel()
provinceLabel.text = "Ontario"
view.addSubview(provinceLabel)
provinceLabel.translatesAutoresizingMaskIntoConstraints =
    false
provinceLabel.topAnchor.constraint(equalTo: view.topAnchor,
    constant: 60).isActive = true
provinceLabel.leadingAnchor.constraint(equalTo:
    view.leadingAnchor, constant: 20).isActive = true

nameLabel = UILabel()
nameLabel.text = "James Lee"
view.addSubview(nameLabel)
nameLabel.translatesAutoresizingMaskIntoConstraints = false
nameLabel.topAnchor.constraint(equalTo: view.topAnchor,
    constant: 100).isActive = true
nameLabel.leadingAnchor.constraint(equalTo:
    view.leadingAnchor, constant: 20).isActive = true
```

```
}
```

```
override var prefersStatusBarHidden: Bool {
    return true
}
```

```
}
```

```
}
```

```
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```

```
PlaygroundPage.current.liveView = ViewController()
```