

```
////////// Student //////////
```

```
import Foundation
```

```
let name = "Aaron Anderson"  
let email = "irvingmichael@gmail.com"  
let section = "2015 Summer MW 5:30pm"
```

```
// Done!
```

```
////////// Lab 1 //////////
```

```
//class Point {  
//    var pointX: Double  
//    var pointY: Double  
//  
//    var point: (Double, Double) {  
//        get {  
//            return (pointX, pointY)  
//        }  
//        set {  
//            pointX = newValue.0  
//            pointY = newValue.1  
//        }  
//    }  
//  
//    var description: String {  
//        return "Point: x:\(pointX), y:\(pointY)"  
//    }  
//  
//    init() {  
//        pointX = 0.0  
//        pointY = 0.0  
//    }  
//}  
//  
//var point1 = Point()  
//point1.pointX = 10.0  
//point1.pointY = 20.0  
//  
//var point2 = Point()  
//point2.pointX = 100.0  
//point2.pointY = 150.0  
//  
//println("Point: x:\(point1.pointX), y:\(point1.pointY)")  
//println("Point: x:\(point2.pointX), y:\(point2.pointY)")
```

```
//  
////////// Lab 2 //////////
```

```
// This line left intentionally blank.
```

```
//  
////////// Lab 3 //////////
```

```
//point1.point = (1.0, 4.5)  
//println("Point: x:\(point1.pointX), y:\(point1.pointY)")
```

```
//
////////// Lab 4 //////////

class Point: Printable {
    var pointX: Double
    var pointY: Double

    var point: (Double, Double) {
        get {
            return (pointX, pointY)
        }
        set {
            pointX = newValue.0
            pointY = newValue.1
        }
    }

    var description: String {
        return "Point: x:\(pointX), y:\(pointY)"
    }

    init() {
        pointX = 0.0
        pointY = 0.0
    }

    init(x: Double, y: Double) {
        pointX = x
        pointY = y
    }
}

//
////////// Lab 5 //////////

var point1 = Point()
point1.point = (12.6, 6.7)

println(point1)

//
```