

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

```
import Foundation
```

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

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

```
let firstName = "Bob"  
let lastName = "Smith"  
var greeting = "Hello " + firstName + lastName + ", how are you today?"  
println(greeting)
```

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

```
let greetingTwo = "Zup!"  
let concatGreet = greetingTwo + " " + greetingTwo + " " + greetingTwo  
println(concatGreet)
```

```
//  
// With an int
```

```
let temperature = 85.5  
let currentTemperature = "The temperature is \(temperature) degrees."  
println(currentTemperature)
```

```
// math!
```

```
println("The temperature of \(100.0)F is \((100.0 - 32) * (5 / 9))C")
```

```
// more math!
```

```
println("The temperature of \(temperature)F is \((temperature - 32) * (5 / 9))C")
```

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

```
let (boxLength, boxWidth, boxHeight) = (25, 50, 100)  
let boxDim = "The box has a length of \(boxLength), width of \(boxWidth), and  
height of \(boxHeight)."
```

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

```
let cubeSide = 7.34  
println("The volume of a cube with a side of \(cubeSide) is \(pow(cubeSide,  
3.0))")
```

```
//  
// pow!
```

```
let squared = pow(4.0, 2.0)  
println("4 squared is \(squared)")
```

```
////////// Lab 5 //////////
```

```
let numbers = [10.0, 24.7, 1.2456]
let  $\pi$  = M_PI
```

```
for number in numbers {
    println("The area of a circle of radius \(number) is \((\pi * pow(number, 2))")
}
```

```
//
```

```
////////// Lab 6 //////////
```

```
let number: Double = 20
let numberSqRt = sqrt(number)
println ("The square root of \(number) is \(numberSqRt)")
```

```
//
```