

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

```
import Foundation
```

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

```
// Done!
```

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

```
var truckWeight = 34_563.8
```

```
// Is it under the limit?  
if truckWeight < 40000.0 {  
    println("It is a light truck.")  
} else {  
    println("It is a heavy truck.")  
}
```

```
//
```

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

```
var counter = 5  
if counter < 5 {  
    println("\(counter) is less than 5")  
} else {  
    println("\(counter) is greater than or equal to 5")  
}
```

```
//
```

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

```
let number = 5  
let limit = 100  
let testResult = number > limit  
if !testResult {  
    println("Smaller than 100!")  
} else {  
    println("Too big! Too big!")  
}
```

```
//
```

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

```
println("5 is greater than 6 is \(5 > 6).")  
println("20 * 4 = 80 is \(20 * 4 == 80).")  
println("100 is not larger than or equal to 50 is \(!(100 >= 50)).")  
println("42 = 7 times 6 is \(42 == (7 * 6)).")
```

```
//
```

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

```
let switchNumber = 10
```

```
switch switchNumber {
```

```
case 10:
    println("It is 10!")
default:
    println("It is not 10.")
}

//
////////// Lab 6 //////////

let switchNumberTwo = 10

switch switchNumberTwo {
case 10:
    println("It is 10!")
case 11:
    println("It is 11!")
case 12:
    println("It is 12!")
default:
    println("It is none of them.")
}

//
////////// Lab 8 //////////

let switchNumberThree = 10

switch switchNumberThree {
case 10, 11, 12:
    println("It is \$(switchNumberThree)")
default:
    ("It is none of them!")
}

//
////////// Lab 8 //////////

let yetAnotherNumber = 10.1

switch yetAnotherNumber {
case 1...10:
    println("It is a small number!")
case 11...50:
    println("It is a medium number!")
case 51...100:
    println("It is a big number!")
default:
    println("It must be really big.")
}

// Interesting result with a double in this, good to know how it would react.
//
```