

## fizz buzz evolution

```
import Foundation
func fizzbuzz() {
    for index in 1...100 {
        let isFizz = index % 3 == 0
        let isBuzz = index % 5 == 0
        switch (isFizz, isBuzz) {
        case (true, true):
            print("fizzbuzz")
        case (true, _):
            print("fizz")
        case (_, true):
            print("buzz")
        default:
            print("\(index)")
```

## Make Swap operator

```
infix operator <> : Swap
precedencegroup Swap {
    associativity: left
    higherThan: LogicalConjunctionPrecedence
}
public func <> <A>(lhs: inout A, rhs: inout A) -> Void {
    let temp = lhs
    lhs = rhs
    rhs = temp
var x = 5
var y = 9
print(x, y) //5 9
X <> Y
print(x, y) //9 5
```

