























































































let 10 3 39 78 49 59 22





let

2



5if50

















various

a map map 2

filter

50

reduce  $\emptyset$

















sun

# Swift示例

- 操作一个数组
  - 所有元素乘以2
  - 过滤结果中大于50的数
  - 剩余的元素相加得到一个和

```
let a = [10, 3, 39, 78, 49, 59, 22]
```

```
var sum = 0
for value in a {
    let v = value * 2
    if v > 50 {
        sum += v
    }
}
```



```
let sum = a.map { $0 * 2 }
            .filter { $0 > 50 }
            .reduce(0) {
                $0 + $1
            }
```

# 其它

- scan
- concat
- first/last
- skip
- count
- max/min
- some
- every
- .....