

1. Calculator

```
def calculate( a, b, Closure op) {  
    op(a, b)  
}  
  
def add    = { x, y -> x + y }  
def subtract = { x, y -> x - y }  
def multiply = { x, y -> x * y }  
  
println "5 + 3 = ${calculate(5, 3, add)}"  
println "5 - 3 = ${calculate(5, 3, subtract)}"  
println "5 * 3 = ${calculate(5, 3, multiply)}"
```

2. Word frequency

```
def sentence = "hello world hello"  
def freq = [:].withDefault { 0 }  
  
sentence.tokenize().each { word ->  
    freq[word.toLowerCase()]++  
}  
  
freq.each { word, count ->  
    println "$word → $count"  
}
```

3. Group by string length

```
def words = ["hi", "hello", "bye", "good", "sun"]  
def grouped = words.groupBy { it.length() }  
grouped.each { len, list ->  
    println "$len → $list"  
}
```