```swift
//1
let Pi = 3.1415

//2
let x: Int = 20
let y: Int = 40
let average = (x+y)/2
print ("The average result of x+y is: \(average) ")

//3-1
let avg = Double((x+y)/2)
print ("The average result of x+y is: \(avg) ")

//3-2一個是整數運算，另外一個是小數點運算

//4
var flag : Bool = true
var inputString : String = "Hello world."
let bitsInBite : Int = 8
let averageScore : Double = 86.8

//5
var Salary = 22000
Salary += 28000
print(Salary)

//6
2 == 2
"Kevin" == "Kevin"

//7
let value1 = 10
let value2 = 3
let remainder = value1%value2
print (remainder)

//8 var宣告的變數可以改變, let 不行
//9 變數、函式聲明的命名規則還是以 lowerCamelCase 為基礎。常數通常使用 enum 類型定義。類和其他類型的聲明採用
   UpperCamelCase
```

```
//10  當電腦在辨識value的時候，會自動推斷value 的種類
//11  不能指定一個字串給原本是整數的變數
```