

作業#5: Bubble Sort

- 請輸入任意數量的整數後，輸出這些整數的由小到大排序
- Bubble Sort 只要前面的整數大於後面的整數，就交換順序

```
CLIPS> (run)|
Data sorting: 11 6 3 20 1 15 8 2 12 9 7
The result is (1 2 3 6 7 8 9 11 12 15 20)|
```

<Hint:>

```
(deftemplate data (multislot numbers))
```

```
(defrule read-data
```

```
(declare (salience 100))
```

```
=>
```

```
(printout t "Data sorting: ")
```

```
(bind ?input (explode$ (readline)))
```

```
(assert (data (numbers ?input))))
```

(declare (salience n)) 設定此規則的優先權為n，未設定者優先權為0

(readline) 可以從鍵盤輸入一行字符串

(explode\$?str) 可以將一個字符串轉成為multifield欄位的值

(bind ?x ?y) 將?y的值設定給?x變數