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 1: #!/afs/cats.ucsc.edu/courses/cmps112-wm/usr/smalltalk/bin/gst -f
 2: "$Id: intsort.st,v 1.4 2012-02-23 18:39:46-08 - - $"
 3:
 4: nl := Character nl.
 5:
 6: sort := SortedCollection new.
 7: sort add: 3; add: 1; add: 4; add: 1; add: 5; add: 9; add: 2; add: 6.
 8: sort inspect.
 9:
10: stdout << 'sort do:' << nl.
11: sort do: [:int|
12:     stdout << ' ' << int.
13: ].
14: stdout << nl.
15:
16: stdout << 'notEmpty whileTrue:' << nl.
17: [sort notEmpty] whileTrue: [stdout << ' ' << sort removeFirst].
18: stdout << nl.
19:
20: "TEST: intsort.st"
21:
```

```
 1: ****mks**** intsort.st 2>&1
 2: An instance of SortedCollection
 3:    firstIndex: 1
 4:    lastIndex: 8
 5:    lastOrdered: 8
 6:    sorted: true
 7:    sortBlock: a BlockClosure
 8:    contents: [
 9:      [1]: 1
10:      [2]: 1
11:      [3]: 2
12:      [4]: 3
13:      [5]: 4
14:      [6]: 5
15:      [7]: 6
16:      [8]: 9
17:    ]
18: sort do:
19:  1 1 2 3 4 5 6 9
20: notEmpty whileTrue:
21:  1 1 2 3 4 5 6 9
22: ****status: 0x0000
23:
```