

Algorithm MAXIMUM VALUE IN A LIST

Input: a list of *numbers*

```
1 | maxSoFar  $\leftarrow$  first item in numbers  
2 | repeat for each item in numbers:  
3 |     if item  $>$  maxSoFar, then assign maxSoFar  $\leftarrow$  item
```

Output: *maxSoFar*