```
;; Function To Be Tested: >= ; monotonically nonincreasing
;;
;; Source:        CommonLisp by Steele    Section 12.3: Comparisons on Numbers    Page: 196
;;
;; Created By:    John Park
;;
;; Creation Date: May 6, 1986
;;
;; Last Update:  May 6, 1986
;;
;; Filed As:     {eris}<lispcore>cml>test>12-2-monotonic-nonincrease.test
;;
;;
;; Syntax:       >= number & rest more-numbers
;;
;; Function Description: The monotonically nonincreasing function returns true if all numbers
decrease monotonically or are equal contiguously. Otherwise returns false.
;;
;; Argument(s): number(s)
;;
;; Returns:  T or NIL
;;
;; Constraints/Limitations: none.


(do-test monotonic-nonincrease-test
                (and (>= 3)
                     (>= 4 4)
                     (>= 6 5 3 0 )
                     (>= 100 7 7.0 3 0 -8.0 -8 -9)
                     (not (>= 1 2 3))))
```