

```
;; Function To Be Tested: <= ; monotonically nondecreasing
;;
;; Source:      CommonLisp by Steele      Section 12.3: Comparisons on Numbers      Page: 196
;;
;; Created By:   John Park
;;
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;; Filed As:     {eris}<lispcore>cml>test>12-2-monotonic-nondecrease.test
;;
;;
;; Syntax:       <= number & rest more-numbers
;;
;; Function Description: The monotonically nondecreasing function returns true if all numbers
increase monotonically or are equal contiguously. Otherwise returns false.
;;
;; Argument(s): number(s)
;;
;; Returns:      T or NIL
;;
;; Constraints/Limitations: none.
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```
(do-test monotonic-nondecrease-test
  (and (<= 3)
       (<= 4 4)
       (<= 0 3 5 6)
       (<= -9 -8 -8.0 0 3 7.0 7 100)
       (not (<= 3 -5 -7))))
```