

210lab01withintwo1

```
;; contract:
;; within-two?: num num --> boolean
;;
;; purpose: Returns true if two numbers are within 2 of
;; each other, that is, returns true if m - n and n - m
;; are both less than 2.
;;
;; Examples:
(check-expect (within-two? 99.8 101) true)
(check-expect (within-two? 101 99.8) true)
(check-expect (within-two? 5 -5)      false)
(check-expect (within-two? -5 5)      false)
(check-expect (within-two? 5 3)       false)
(check-expect (within-two? 3 5)       false)
(check-expect (within-two? 42 42)      true)
;;
;;Definition:
(define (within-two? m n)
  (and (< (- m n) 2) (< (- n m) 2)))
```