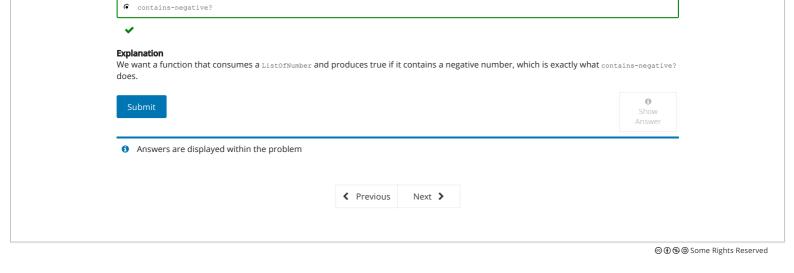
Next >

C negative?

Help Systematic Program Design - Part 2 Problem Bank Style Rules Design Recipes Language Glossarv Discussion Progress Course > 4a: Self-Reference > Function Operating on List > Questions 4-6 Ø, Previous \blacksquare **Questions 4-6** ☐ Bookmark this page Question 4 1/1 point (graded) ;; ListOfNumber -> Boolean produce true if lon contains a negative number (check-expect (contains-negative? empty) false)
(check-expect (contains-negative? (cons 1 empty)) false)
(check-expect (contains-negative? (cons -1.5 empty)) true) Now let's work on the body by filling in blanks (1), (2) and (3) in the next three questions. (define (fn-for-lon lon) (define (fn-for-lon lon) (cond [(empty? lon)_ (cond [(empty? lon)(...)] [else [else (if (<u>2</u> (first lon)) (... (first lon) (fn-for-lon (rest lon)))])) _(fn-for-lon (rest lon))))])) (1) What should in the first answer position (underlined in red)? C empty C true € false **Explanation** The first test tells us that base base case result should be false, which makes sense, becasue if there are no elements in the list, there are no negative elements. 0 Submit Answers are displayed within the problem Question 5 1/1 point (graded) (2) What should we use to check if the first element of lon is negative (underlined in purple)? C positive? negative? ${\bf C}$ contains-negative? **Explanation** From the help desk, negative? determines if some value is strictly smaller than zero. Submit Show Answers are displayed within the problem Question 6 1/1 point (graded) (3) What function should we use in place of fn-for-lon (underlined in green)? C We need to design a new function C positive?





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