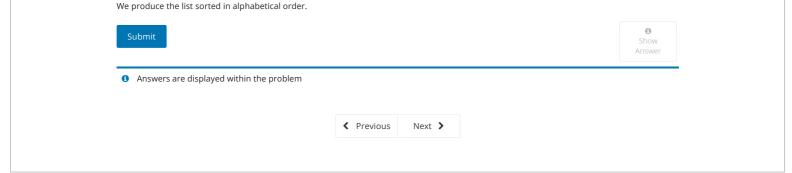
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Problem Bank Style Rules Discussion Progress Design Recipes Language Glossarv Course > 5b: Helpers > Operating on a List > Questions 1-3 Previous **3 Ø ⊘ Questions 1-3** ☐ Bookmark this page Question 1 1/1 point (graded) Now let's turn our attention to the design of ${\tt sort-strings.}$ (define S1 "Apple") (define S2 "Sally") (define S3 "Systematic Program Design") ;; ListOfString -> ListOfString ;; sort strings into alphabetical order What is the result of the following ${\tt check-expects}?$ (check-expect (sort-strings empty) _____) C "" € empty $\mathbf{C} = \mathbf{0}$ **Explanation** Sorting an empty list just produces an empty list. There's nothing to rearrange. Show 1 Answers are displayed within the problem Question 2 1/1 point (graded) (check-expect (sort-strings (cons S1 (cons S2 empty))) _____) € (cons S1 (cons S2 empty) $oldsymbol{C}$ (cons S2 (cons S1 empty) C empty Explanation The list is already sorted, so the result is the original list. Show 1 Answers are displayed within the problem Question 3 1/1 point (graded) (check-expect (sort-strings (cons S3 (cons S1 empty))) _____) C (cons S3 (cons S1 empty)) € (cons S1 (cons S3 empty)) C empty





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