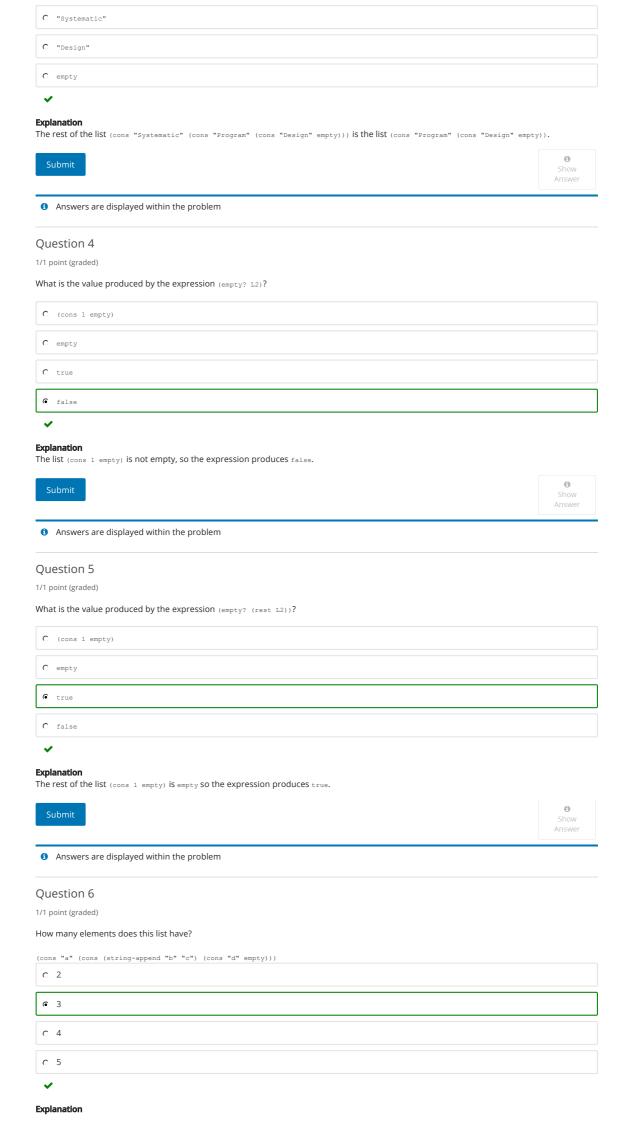
\mathbf{C} (cons "Systematic" empty)

Style Rules Discussion Design Recipes Problem Bank Glossarv Progress Language Course > 4a: Self-Reference > List Mechanisms > Questions 1-6 Previous Ø Next > **Questions 1-6** ☐ Bookmark this page Question 1 1/1 point (graded) What is the value produced by the expression below? (cons (+ 1 1) (cons 1 empty)) O 3 O 2 C (cons 3 empty) (cons 2 (cons 1 empty)) Explanation The expression (+ 1 1) evaluates to 2, giving the expression (cons 2 (cons 1 empty)) 0 1 Answers are displayed within the problem Questions 2 1/1 point (graded) Consider: (define L1 (cons "Systematic" (cons "Program" (cons "Design" empty))))
(define L2 (cons 1 empty)) What is the value produced by the expression (first L1)? C (cons "Systematic Program Design" empty) \mathbf{C} (cons "Program" (cons "Design" empty)) C (cons "Systematic" empty) **☞** "Systematic" C "Design" C empty Explanation The first element in the list (cons "Systematic" (cons "Program" (cons "Design" empty))) is "Systematic". 1 Answers are displayed within the problem Question 3 1/1 point (graded) What is the value produced by the expression (rest L1)? $oldsymbol{C}$ (cons "Systematic Program Design" empty) ⑥ (cons "Program" (cons "Design" empty))





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