

<u>Course</u> > <u>1b: How to Design Functions</u> > <u>A Simple Practice Example</u> > Purpose

Purpose

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1 point possible (graded)

Problem: Design a function that pluralizes a given word. (Pluralize means to convert the word to its plural form.) For simplicity you may assume that just adding s is enough to pluralize a word.

Continuing with the given problem, we now have a signature.

;; String -> String

Which of the following statements is best?

- () ;; Pluralize s.
- ;; Produce plural string.
- O ;; Add "s".
- lacktriangle ;; Produce the given string with "s" added to the end. \checkmark

Explanation

A purpose statement should describe what result is produced and how that is based on the argument(s). The first choice says no more than the signature, so it adds no value. The second choice says not much more than the function name. The third choice is unclear about what "s" is added to and what is produced. The fourth choice is best because it makes it clear exactly what is produced from the given string.

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• Answers are displayed within the problem