

COMP161 - Lab 8 & Homework 8

Spring 2016

In this lab you'll work on recursive and iterative procedures for strings.

The Problem: Removing Letters

For this lab you'll work on a functional solution to the problem of removing all the letters from a string. To make them distinct, put them in different namespaces¹.

¹ You've seen me do this in a lot of code

Lab 8

For lab, you should begin by setting up the documentation, stubs, and tests for *two* versions of this procedure: one iterative and one recursive. Submit this code with handin as assignment *lab8*.

Homework 8

Due by class time on Wednesday. Submit as assignment *hwk8*.

For homework, complete the implementation of both versions of the function.

Practice Problems

The following problems are good practice problems for developing your recursive and iterative problem solving skills.

- Count Vowels
- Remove everything but digits
- Shift letters up so that A becomes B, B becomes C, etc. The letter Z should wrap around to A.