

CS306 – Introduction to Perl

Fall 2005

Homework Assignment #1

Due: September 12th, 2005, beginning of class

The homework should be submitted in the form of a zip file which contains one program for each question. Your zipfile should be named *firstname-lastname-hw1.zip* and should contain files like hw1q1, hw1q2, hw1q3, etc... Email this zip file to cs306@cis.uab.edu.

1. Write a program that asks the user to guess a secret word, compares it to the real secret word, and tells them if they guessed right or not. The match should be case-insensitive e.g. "Secret" should match "SeCrEt". Perl has a function called `lc()` that will convert a string to lowercase.
2. Write a program to ask the user for the length of sides a and b of a right triangle. Then calculate and print the length of the hypotenuse.
3. Write a program which asks the user to enter three words, one per line. Then print out the words in alphabetical order. Since we haven't discussed sorting yet, don't use sorting of lists to solve this. Use other means to figure the order of the three words.