SISO-Functions 2/10/2012 Announcement - HW due Monday by 11:59pm - Next HW will be posted today/tomorrow - Office howr - 3:15 - 4 (ish)

user to enter numbers at prints the average. Program should keep taking input unt I the user enters of a output should be a float. rife a program that prompts nter a number: 5 nter a number: 17 Enter a number: 14 Enter a number: 0 re average is 12.0

number = vaw_input ('Enter a number') Sum = num Numbers =0 while number = 0: Sum += number num Numbers += number = vaw_input ('Enter a number') print The overage is, sum/num/Vumbers A note on testing HW3 1) read error message print variables hard code variables a remove later X: CAGGACTTACAGG patteren: AGGA Sterb searchine dva. index (pattern, value) index= Ch 5.2: Functions We're already familiar with many functions I in Python. sort(), reverse() & list int (val) & converts type index (value) & string 1 + & ints, Strings, list, int + floot Today, we'll start looking at how to

name Of Function (input], ..., inputk): value # Normal program Code to run

Recall ex 4.2: dramatic = aarngghh Take a string and double every letter. Let's write a function to do this: Ex: Finding longest element in a list

There is a max function in the list class.

Uses >= comparison to find maximum.

On a list of strings, which string will it return?