CSCE 330 Fall 2010
Program 7
Assigned Friday 2010-10-22. Due Wednesday 2009-10-27.

1. Write an fp function to add two vectors of the same length represented as sequences. Call the function *addv*. For example, `addv: <<1,2,3>,<1,2,3>>` should equal `<2,4,6>`.

2. Write an fp function to add any number of vectors of the same length represented as sequences. Call the function *addvs*. For example, `addvs: <<1,2,3>,<1,2,3>,<2,3,4>>` should equal `<4,7,10>`.

3. Write a function that tests whether its argument is zero. Call it `iszero`. So, for example, `iszero:1` is `F`, while `iszero:0` is `T`.

   Test your programs using the fp interpreter written by Carter Bays (`http://www.cse.sc.edu/~bays/FPlink`) and linked to the web site for our course to test your programs. Submit a hardcopy document with the three programs. No comments are required. Please note the interpreter has a bug concerning the use of numbers in function names.