**EECS 638**
**Spring 2013**

# Homework Assignment # 2

due: midnight from February 21 to February 22, 2013

70 pts.    1. Using one file, write a program in OPS/R2 which reads positive integers from the input data file INPUT.NUMBERS until the first negative integer or 0 is encountered.   The program copies every number into the file EVEN.NUMBERS if the value of the integer is even or into the file ODD.NUMBERS otherwise.  You may assume that the input data file does not contain errors and that there will be no more than 100 integers in it.

30 pts.     2. As above, but use two modules. The first module should only read from the file INPUT.NUMBERS, the second should do the rest of the job.

Send all necessary source files and test files to <s063s478@ku.edu>.  Do not send object files and executable files.  An example of the input data file is http://people.eecs.ku.edu/~jerzy/data/INPUT.NUMBERS