Program 4 Algorithm

* 1. Display transposition options
     1. (1)Encipher File
     2. (2)Decipher File
     3. (Q)Quit
        1. If user enters input other than 1, 2, q, or Q warn user and return to step 1a
        2. If user enters 1, skip to step 2
        3. If user enters 2, skip to step 3
  2. If Encipher File is chosen, ask for in file name
     1. If file name not found, warn user and return to step 2
     2. If file name is found, ask user to enter the name of the out file
     3. Transpose the in file and write to out file, tell user the deed has been done and return to menu in step 1
  3. If Decipher File is chosen, ask for in file name
     1. If file name not found, warn user and return to step 3
     2. If file name is found, ask user to enter the name of the out file
     3. Untranspose the in file and write to the out file, tell the user the deed has been done and return to menu in step 1
  4. If Quit is chosen, end the program.