

// variables

c = 0

k = 10

// instructions

if k is 1, you are going to finish the session

if k is even, you are going to replace k with  $k/2$  and add 1 to c

otherwise, if k is odd, you are going to replace k with  $(3*k+1)$ , and add 1 to c

once finished, you are going to open this file again and follow its instructions again (you must always open the file, in case the file is modified)