Program Search Solution

See [www.teachinglondoncomputing.org/puzzles/] for the question sheet

def thanoi (pieces, movefrom, moveto, other):
    if pieces == 1:
        print ("move ring from", movefrom, "-", moveto)
    else:
        thanoi (pieces-1, movefrom, other, moveto)
        thanoi (1, movefrom, moveto, other)
        thanoi (pieces-1, other, moveto, movefrom)

The words including punctuation as they appear and their positions in the grid are given in the following format: answer (row,column,direction)

def (6,5,S)  else: (5,7,E)
thanoi (12,2,E)  thanoi (2,2,S)
(pieces, (3,4,E)  (pieces-1, (7,0,E)
movefrom, (13,1,E)  moveto, (12,14,N)
moveto, (8,2,S)  other, (7,10,S)
other): (14,16,N)  moveto) (6,12,N)
if (0,0,E)  thanoi (2,2,E)
pieces (1,0,S)  (1, (9,5,E)
== (0,10,E)  movefrom, (10,0,E)
1: (0,8,E)  moveto, (14,3,E)
print (1,7,W)  other) (11,6,E)
("move (5,9,W)  thanoi (1,3,S)
ingh (6,11,W)  (pieces-1, (0,7,S)
from", (13,10,E)  other, (11,5,W)
movefrom, (5,15,S)  moveto, (6,12,S)
"-", (2,8,E)  moveto) (9,13,N)
moveto) (9,16,S)