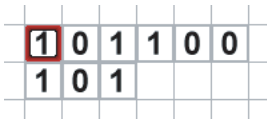
A 2d-Turing Machine that computes the binary digits of rational numbers n/m > 0

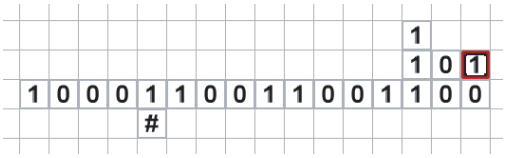
Precondition:

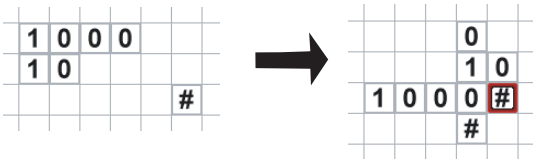
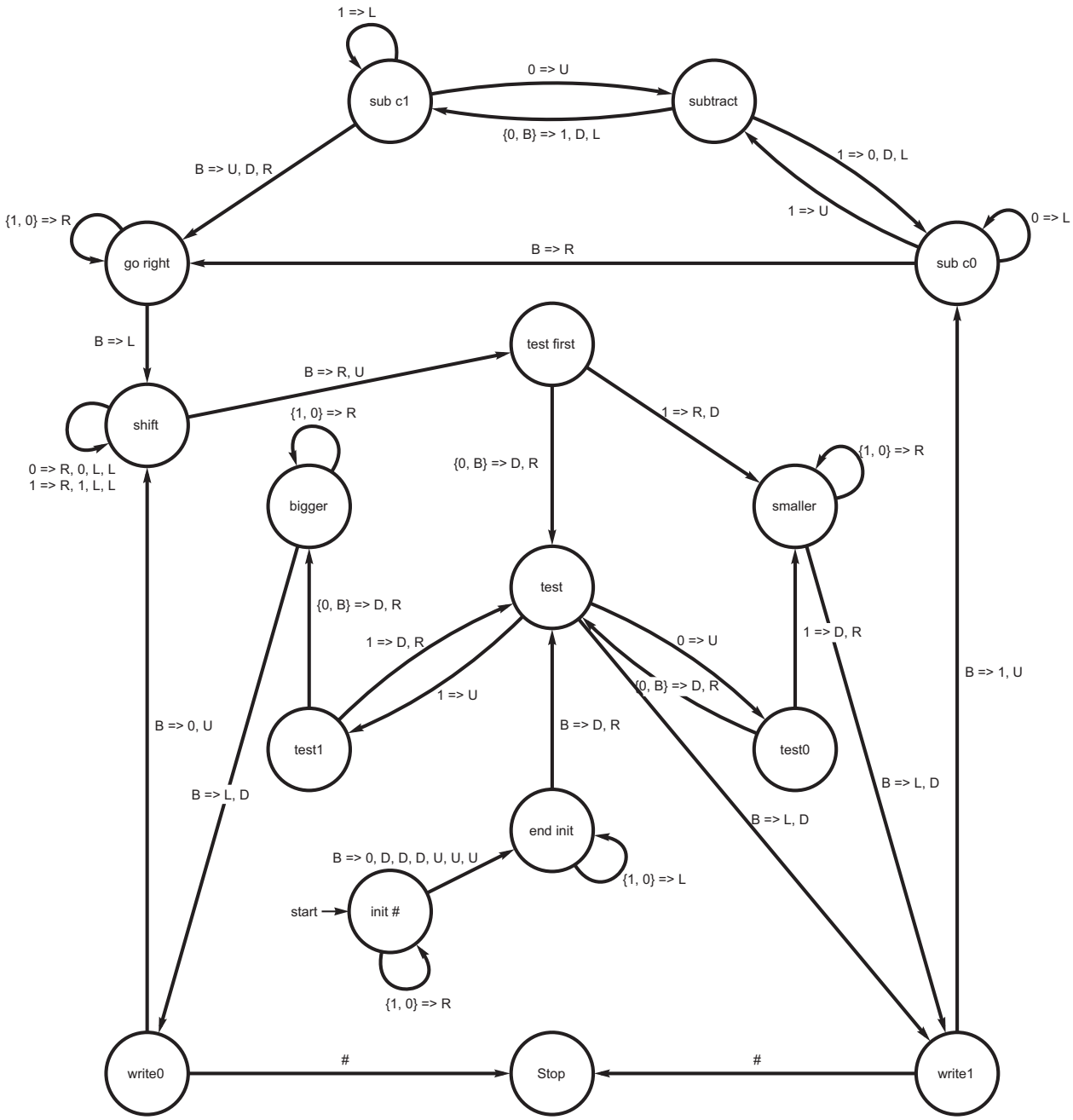
The binary integers n and m are written one upon the other, aligned left.
The read/write head is placed on the upper line.



Postcondition:

The result is printed on the line below. A '#' on another line below marks the first digit after the comma.



Remark:

The TM doesn't stop until the result reaches a '#'.