Output

Current state: q0 Current Symbol: $0_{q0,-,R}$
####[s]11100####
ComplexSymbol q = $null$
ComplexSymbol s = $0_{q0,-,R}$

    Current state: q0 Current Symbol: #
###[#]q11100####
ComplexSymbol q = $0_{q0,+,L}$
ComplexSymbol s = $0_{q0,-,R}$
Current state: q0 Current Symbol: $0_{q0,+,L}$

###s[q]11100####
ComplexSymbol q = $0_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q0,-,R}$

###[s]011100####
ComplexSymbol q = $0_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q1 Current Symbol: 0

###q[0]11100####
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q1,+,R}$

###[q]s11100####
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $0_{q0,-,L}$
Current state: q1 Current Symbol: $0_{q0,-,L}$

###q[s]11100####
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $0_{q0,-,L}$
Current state: q0 Current Symbol: $\#_{q0,+,R}$

###[q]s11100####
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q0 Current Symbol: $0_{q1,-,L}$

####[s]11100####
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q1 Current Symbol: 1

####q[1]1100####
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q2,+,R}$

####[q]s1100####
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q1 Current Symbol: $1_{q0,-,L}$

####q[s]1100####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

####[q]s1100####

ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q1 Current Symbol: $1_{q1,-,L}$

####$q[s]$1100####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

####$[q]s$1100####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q2,-,L}$
Current state: q0 Current Symbol: $1_{q2,-,L}$

####$X[s]$1100####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q2,-,L}$
Current state: q0 Current Symbol: X

####$[X]q$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $1_{q2,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

####$s[q]$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

####$[s]X$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $\#$

###$[\#]qX$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

###$s[q]X$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q0,-,R}$

###$[s]XX$1100####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q1 Current Symbol: X

###$q[X]X$1100####
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q1,+,R}$

###$[q]sX$1100####
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

###$q[s]X$1100####
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $\#_{q0,+,R}$

###$[q]sX$1100####

ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$\#\#\#\#[s]X1100\#\#\#\#$
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$\#\#\#\#q[X]1100\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#[q]s1100\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$\#\#\#\#q[s]1100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$\#\#\#\#[q]s1100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$\#\#\#\#X[s]1100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: 1

$\#\#\#\#Xq[1]100\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#X[q]s100\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q1 Current Symbol: $1_{q0,-,L}$

$\#\#\#\#Xq[s]100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$\#\#\#\#X[q]s100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q0 Current Symbol: $1_{q1,-,L}$

$\#\#\#\#XX[s]100\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q1 Current Symbol: 1

$\#\#\#\#XXq[1]00\#\#\#\#$
ComplexSymbol q = $X_{q4,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q4,+,R}$

$\#\#\#\#XX[q]s00\#\#\#\#$

ComplexSymbol q $= X_{q4,+,R}$
ComplexSymbol s $= 1_{q0,-,L}$
Current state: q1 Current Symbol: $1_{q0,-,L}$

$\#\#\#\#XXq[s]00\#\#\#\#$
ComplexSymbol q $= X_{q3d,+,R}$
ComplexSymbol s $= 1_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q3d,+,R}$

$\#\#\#\#XX[q]s00\#\#\#\#$
ComplexSymbol q $= X_{q3d,+,R}$
ComplexSymbol s $= 1_{q1,-,L}$
Current state: q1 Current Symbol: $1_{q1,-,L}$

$\#\#\#\#XXq[s]00\#\#\#\#$
ComplexSymbol q $= X_{q2,+,R}$
ComplexSymbol s $= 1_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q2,+,R}$

$\#\#\#\#XX[q]s00\#\#\#\#$
ComplexSymbol q $= X_{q2,+,R}$
ComplexSymbol s $= 1_{q2,-,L}$
Current state: q1 Current Symbol: $1_{q2,-,L}$

$\#\#\#\#XXq[s]00\#\#\#\#$
ComplexSymbol q $= X_{q1,+,R}$
ComplexSymbol s $= 1_{q2,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#XX[q]s00\#\#\#\#$
ComplexSymbol q $= X_{q1,+,R}$
ComplexSymbol s $= 1_{q3d,-,L}$
Current state: q1 Current Symbol: $1_{q3d,-,L}$

$\#\#\#\#XXq[s]00\#\#\#\#$
ComplexSymbol q $= X_{q0,+,R}$
ComplexSymbol s $= 1_{q3d,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$\#\#\#\#XX[q]s00\#\#\#\#$
ComplexSymbol q $= X_{q0,+,R}$
ComplexSymbol s $= 1_{q4,-,L}$
Current state: q0 Current Symbol: $1_{q4,-,L}$

$\#\#\#\#XXX[s]00\#\#\#\#$
ComplexSymbol q $= X_{q0,+,R}$
ComplexSymbol s $= 1_{q4,-,L}$
Current state: q1 Current Symbol: 0

$\#\#\#\#XXXq[0]0\#\#\#\#$
ComplexSymbol q $= 1_{q4,+,R}$
ComplexSymbol s $= 1_{q4,-,L}$
Current state: q0 Current Symbol: $1_{q4,+,R}$

$\#\#\#\#XXX[q]s0\#\#\#\#$
ComplexSymbol q $= 1_{q4,+,R}$
ComplexSymbol s $= 0_{q0,-,L}$
Current state: q1 Current Symbol: $0_{q0,-,L}$

$\#\#\#\#XXXq[s]0\#\#\#\#$
ComplexSymbol q $= 1_{q3d,+,R}$
ComplexSymbol s $= 0_{q0,-,L}$
Current state: q0 Current Symbol: $1_{q3d,+,R}$

$\#\#\#\#XXX[q]s0\#\#\#\#$

ComplexSymbol q = $1_{q3d,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q1 Current Symbol: $0_{q1,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $1_{q2,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q0 Current Symbol: $1_{q2,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $1_{q2,+,R}$
ComplexSymbol s = $0_{q2,-,L}$
Current state: q1 Current Symbol: $0_{q2,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $1_{q1,+,R}$
ComplexSymbol s = $0_{q2,-,L}$
Current state: q0 Current Symbol: $1_{q1,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $1_{q1,+,R}$
ComplexSymbol s = $0_{q3d,-,L}$
Current state: q1 Current Symbol: $0_{q3d,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $1_{q0,+,R}$
ComplexSymbol s = $0_{q3d,-,L}$
Current state: q0 Current Symbol: $1_{q0,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $1_{q0,+,R}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: $0_{q4,-,L}$

$####XXX1[s]0####$
ComplexSymbol q = $1_{q0,+,R}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: 1

$####XXX[1]q0####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####XXXs[q]0####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $1_{q0,-,R}$
Current state: q0 Current Symbol: $1_{q0,-,R}$

$####XXX[s]X0####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $1_{q0,-,R}$
Current state: q0 Current Symbol: X

$####XX[X]qX0####$
ComplexSymbol q = $1_{q0,+,L}$
ComplexSymbol s = $1_{q0,-,R}$
Current state: q0 Current Symbol: $1_{q0,+,L}$

$####XXs[q]X0####$
ComplexSymbol q = $1_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####XX[s]1X0####$

ComplexSymbol q = $1_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

####$X[X]q1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

####$Xs[q]1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

####$X[s]X1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

####$[X]qX1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

####$s[q]X1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

####$[s]XX1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $#$

###$[#]qXX1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

###$s[q]XX1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $#_{q0,-,R}$
Current state: q0 Current Symbol: $#_{q0,-,R}$

###$[s]XXX1X0$####
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $#_{q0,-,R}$
Current state: q1 Current Symbol: X

###$q[X]XX1X0$####
ComplexSymbol q = $#_{q1,+,R}$
ComplexSymbol s = $#_{q0,-,R}$
Current state: q0 Current Symbol: $#_{q1,+,R}$

###$[q]sXX1X0$####
ComplexSymbol q = $#_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

###$q[s]XX1X0$####
ComplexSymbol q = $#_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $#_{q0,+,R}$

###$[q]sXX1X0$####

ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

####[s]XX1X0####
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

####q[X]X1X0####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

####[q]sX1X0####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

####q[s]X1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

####[q]sX1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

####X[s]X1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

####Xq[X]1X0####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

####X[q]s1X0####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

####Xq[s]1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

####X[q]s1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

####XX[s]1X0####
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: 1

####XXq[1]X0####
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

####XX[q]sX0####

ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q1 Current Symbol: $1_{q0,-,L}$

$####XXq[s]X0####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XX[q]sX0####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q0 Current Symbol: $1_{q1,-,L}$

$####XXX[s]X0####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q1 Current Symbol: X

$####XXXq[X]0####$
ComplexSymbol q = $X_{q4,+,R}$
ComplexSymbol s = $1_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q4,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $X_{q4,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $X_{q3d,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q3d,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $X_{q3d,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: $X_{q1,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q2,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $X_{q2,-,L}$
Current state: q1 Current Symbol: $X_{q2,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q2,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$####XXX[q]s0####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q3d,-,L}$
Current state: q1 Current Symbol: $X_{q3d,-,L}$

$####XXXq[s]0####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q3d,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XXX[q]s0####$

ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q4,-,L}$
Current state: q0 Current Symbol: $X_{q4,-,L}$

$####XXXX[s]0####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q4,-,L}$
Current state: q1 Current Symbol: 0

$####XXXXq[0]####$
ComplexSymbol q = $X_{q4,+,R}$
ComplexSymbol s = $X_{q4,-,L}$
Current state: q0 Current Symbol: $X_{q4,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q4,+,R}$
ComplexSymbol s = $0_{q0,-,L}$
Current state: q1 Current Symbol: $0_{q0,-,L}$

$####XXXXq[s]####$
ComplexSymbol q = $X_{q3d,+,R}$
ComplexSymbol s = $0_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q3d,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q3d,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q1 Current Symbol: $0_{q1,-,L}$

$####XXXXq[s]####$
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $0_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q2,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q2,+,R}$
ComplexSymbol s = $0_{q2,-,L}$
Current state: q1 Current Symbol: $0_{q2,-,L}$

$####XXXXq[s]####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $0_{q2,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $0_{q3d,-,L}$
Current state: q1 Current Symbol: $0_{q3d,-,L}$

$####XXXXq[s]####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $0_{q3d,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: $0_{q4,-,L}$

$####XXXXX[s]####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: X

$####XXXX[X]q####$

ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $0_{q4,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####XXXXs[q]####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####XXXX[s]X####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

$####XXX[X]qX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####XXXs[q]X####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####XXX[s]XX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

$####XX[X]qXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####XXs[q]XX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####XX[s]XXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

$####X[X]qXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####Xs[q]XXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####X[s]XXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: X

$####[X]qXXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$####s[q]XXXX####$

ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,-,R}$

$####[s]XXXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: #

$###[#]qXXXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $X_{q0,+,L}$

$###s[q]XXXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q0,-,R}$

$###[s]XXXXX####$
ComplexSymbol q = $X_{q0,+,L}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q1 Current Symbol: X

$###q[X]XXXXX####$
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $\#_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q1,+,R}$

$###[q]sXXXXX####$
ComplexSymbol q = $\#_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$###q[s]XXXXX####$
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $\#_{q0,+,R}$

$###[q]sXXXXX####$
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$####[s]XXXXX####$
ComplexSymbol q = $\#_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$####q[X]XXXX####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$####[q]sXXXX####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$####q[s]XXXX####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####[q]sXXXX####$

ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$\#\#\#\#X[s]XXXX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$\#\#\#\#Xq[X]XXX\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#X[q]sXXX\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$\#\#\#\#Xq[s]XXX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$\#\#\#\#X[q]sXXX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$\#\#\#\#XX[s]XXX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$\#\#\#\#XXq[X]XX\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#XX[q]sXX\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$\#\#\#\#XXq[s]XX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$\#\#\#\#XX[q]sXX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$\#\#\#\#XXX[s]XX\#\#\#\#$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$\#\#\#\#XXXq[X]X\#\#\#\#$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$\#\#\#\#XXX[q]sX\#\#\#\#$

ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$####XXXq[s]X####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XXX[q]sX####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$####XXXX[s]X####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: X

$####XXXXq[X]####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q1 Current Symbol: $X_{q0,-,L}$

$####XXXXq[s]####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XXXX[q]s####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,-,L}$

$####XXXXX[s]####$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q1 Current Symbol: $#$

$####XXXXXq[#]###$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $X_{q1,-,L}$
Current state: q0 Current Symbol: $X_{q1,+,R}$

$####XXXXX[q]s###$
ComplexSymbol q = $X_{q1,+,R}$
ComplexSymbol s = $#_{q0,-,L}$
Current state: q1 Current Symbol: $#_{q0,-,L}$

$####XXXXXq[s]###$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $#_{q0,-,L}$
Current state: q0 Current Symbol: $X_{q0,+,R}$

$####XXXXX[q]s###$
ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $#_{q1,-,L}$
Current state: q0 Current Symbol: $#_{q1,-,L}$

$####XXXXXX[s]###$

ComplexSymbol q = $X_{q0,+,R}$
ComplexSymbol s = $\#_{q1,-,L}$
Current state: q0 Current Symbol: X

$\#\#\#\#XXXX[X]q\#\#\#$
ComplexSymbol q = $\#_{q5a,+,L}$
ComplexSymbol s = $\#_{q1,-,L}$
Current state: q0 Current Symbol: $\#_{q5a,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q5a,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q1 Current Symbol: $X_{q0,-,R}$

$\#\#\#\#XXXX[s]q\#\#\#$
ComplexSymbol q = $\#_{q4,+,L}$
ComplexSymbol s = $X_{q0,-,R}$
Current state: q0 Current Symbol: $\#_{q4,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q4,+,L}$
ComplexSymbol s = $X_{q1,-,R}$
Current state: q1 Current Symbol: $X_{q1,-,R}$

$\#\#\#\#XXXX[s]q\#\#\#$
ComplexSymbol q = $\#_{q3d,+,L}$
ComplexSymbol s = $X_{q1,-,R}$
Current state: q0 Current Symbol: $\#_{q3d,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q3d,+,L}$
ComplexSymbol s = $X_{q2,-,R}$
Current state: q1 Current Symbol: $X_{q2,-,R}$

$\#\#\#\#XXXX[s]q\#\#\#$
ComplexSymbol q = $\#_{q2,+,L}$
ComplexSymbol s = $X_{q2,-,R}$
Current state: q0 Current Symbol: $\#_{q2,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q2,+,L}$
ComplexSymbol s = $X_{q3d,-,R}$
Current state: q1 Current Symbol: $X_{q3d,-,R}$

$\#\#\#\#XXXX[s]q\#\#\#$
ComplexSymbol q = $\#_{q1,+,L}$
ComplexSymbol s = $X_{q3d,-,R}$
Current state: q0 Current Symbol: $\#_{q1,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q1,+,L}$
ComplexSymbol s = $X_{q4,-,R}$
Current state: q1 Current Symbol: $X_{q4,-,R}$

$\#\#\#\#XXXX[s]q\#\#\#$
ComplexSymbol q = $\#_{q0,+,L}$
ComplexSymbol s = $X_{q4,-,R}$
Current state: q0 Current Symbol: $\#_{q0,+,L}$

$\#\#\#\#XXXXs[q]\#\#\#$
ComplexSymbol q = $\#_{q0,+,L}$
ComplexSymbol s = $X_{q5a,-,R}$
Current state: q0 Current Symbol: $X_{q5a,-,R}$

$\#\#\#\#XXXX[s]\#\#\#\#$

ComplexSymbol q = $\#_{q0,+,L}$
ComplexSymbol s = $X_{q5a,-,R}$
$\#\#\#\#XXXX[s]\#\#\#\#$

ComplexSymbol q = $\#_{q0,+,L}$
ComplexSymbol s = $X_{q5a,-,R}$
TM terminated! TM accepts input

ComplexSymbol q = $\#_{q0,+,L}$
ComplexSymbol s = $X_{q5a,-,R}$