

frog Cactus
up Pause blink Scored
down

Reset
 q_0
Start
 LP = 0
 down = 0
 Resct = 1
 Pause = 1
 blink = 0
 Scored = 1
 RT

flick
 q_1
Play
 q_2
 LP = 0
 down = 0
 Resct = 0
 Pause = 1
 blink = 1
 Scored = 1
 RT = C

Up
 q_3
Down
 q_4
 LP = 1
 down = 0
 Resct = 0
 Pause = 0
 blink = 0
 Scored = 0

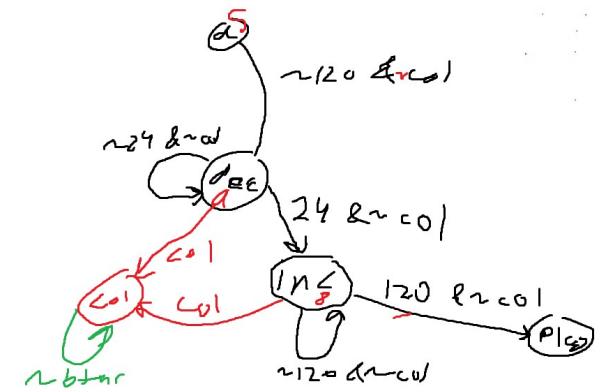
inc 1
 q_5
LP = 1
down
 q_6
 LP = 0
 down = 0
 Resct = 0
 Pause = 0
 blink = 0
 Scored = 0

dec 1
 q_7
LP = 0
up
 q_8
 LP = 1
 down = 1
 Resct = 0
 Pause = 0
 blink = 0
 Scored = 0

inc 2
 q_9
LP = 0
down
 q_{10}
 LP = 0
 down = 0
 Resct = 0
 Pause = 0
 blink = 0
 Scored = 0

~ 120 = frog position

$216 = \frac{120}{+48}$
 max head frog



up() down() LP(Resct) dec(120) inc()