

u64 denom: 4
 1
 0 redundant 2
 d: 0 - 10 (10)
 b: 10 - 11 (01)
 c: 11 - 100 (01)

b: leading-zeros

08.06

init: $s = 1; u = 0; d = 100;$
 for [a..c] (a) loop: $v = u + a.1 // 0010$
 $u = u + a.0 // 0000$
 $s = s * a.2 // \frac{10}{100}$
 fix_mut;

fix_mut: while $0 \text{ XOR } u \wedge (s \gg 1) \{$
 $\text{put}(0 \wedge (s \gg 1));$
 $0 = 0 \gg 1;$
 $u = u \gg 1;$
 $s = s \ll 1;$
 $\}$
// TEST

Simpl. $\frac{1}{s}$

	a	b	d	c =
0:	0010	0011	0010	0100
u:	0000	0010	0000	0011
s:	10	1000	100	10000
out:	/	'0'1'	/	'0'
0:	0010	01	0010	100
u:	0000	00	0000	011
s:	10	10	100	1000

0011 4 01
 0010 \rightarrow 00 \rightarrow X
 100 10

error
 0010
 0000
 10
 0011 'd' 011 '1' 01
 0010 \rightarrow 010 \rightarrow 00
 100 10

a b c
 1 1 1
 0,1 0,11