

LC3 Simulator - Arithmetic Functions.obj

File Execute Simulate Help

Jump to: x3120

R0	x7FFF	32767	R4	x000B	11	PC	xFD79	-647
R1	xFFFF	-1	R5	xFFF1	-15	IR	xB02C	-20436
R2	x000F	15	R6	xFFFC	-4	PSR	x8001	-32767
R3	x001A	26	R7	xFD75	-651	CC	P	

x3120	00000000000001011	x000B	NOP
x3121	1111111111110001	xFFF1	TRAP xF1
x3122	0000000000011010	x001A	NOP
x3123	00000000000001011	x000B	NOP
x3124	00000000000001111	x000F	NOP
x3125	00000000000000010	x0002	NOP
x3126	00000000000000000	x0000	NOP
x3127	00000000000000000	x0000	NOP
x3128	00000000000000000	x0000	NOP
x3129	00000000000000000	x0000	NOP
x312A	00000000000000000	x0000	NOP
x312B	00000000000000000	x0000	NOP
x312C	00000000000000000	x0000	NOP
x312D	00000000000000000	x0000	NOP
x312E	00000000000000000	x0000	NOP
x312F	00000000000000000	x0000	NOP
x3130	00000000000000000	x0000	NOP
x3131	00000000000000000	x0000	NOP
x3132	00000000000000000	x0000	NOP
x3133	00000000000000000	x0000	NOP
x3134	00000000000000000	x0000	NOP
x3135	00000000000000000	x0000	NOP
x3136	00000000000000000	x0000	NOP
x3137	00000000000000000	x0000	NOP
x3138	00000000000000000	x0000	NOP
x3139	00000000000000000	x0000	NOP
x313A	00000000000000000	x0000	NOP
x313B	00000000000000000	x0000	NOP
x313C	00000000000000000	x0000	NOP
x313D	00000000000000000	x0000	NOP
x313E	00000000000000000	x0000	NOP
x313F	00000000000000000	x0000	NOP

Arithmetic Functions.obj 293 instructions executed Idle

(11,-15)

R0	x7FFF	32767	R4	x000B	11	PC	xFD79	-647
R1	xFFFF	-1	R5	xFFFF1	-15	IR	xB02C	-20436
R2	xFFFF1	-15	R6	xFFFFC	-4	PSR	x8001	-32767
R3	xFFE6	-26	R7	xFD75	-651	CC	P	

x3120	1111111111110101	xFFFF5	TRAP	xF5
x3121	0000000000001111	x000F	NOP	
x3122	11111111111100110	xFFE6	TRAP	xE6
x3123	0000000000001011	x000B	NOP	
x3124	0000000000001111	x000F	NOP	
x3125	0000000000000010	x0002	NOP	
x3126	0000000000000000	x0000	NOP	
x3127	0000000000000000	x0000	NOP	
x3128	0000000000000000	x0000	NOP	
x3129	0000000000000000	x0000	NOP	
x312A	0000000000000000	x0000	NOP	
x312B	0000000000000000	x0000	NOP	
x312C	0000000000000000	x0000	NOP	
x312D	0000000000000000	x0000	NOP	
x312E	0000000000000000	x0000	NOP	
x312F	0000000000000000	x0000	NOP	
x3130	0000000000000000	x0000	NOP	
x3131	0000000000000000	x0000	NOP	
x3132	0000000000000000	x0000	NOP	
x3133	0000000000000000	x0000	NOP	
x3134	0000000000000000	x0000	NOP	
x3135	0000000000000000	x0000	NOP	
x3136	0000000000000000	x0000	NOP	
x3137	0000000000000000	x0000	NOP	
x3138	0000000000000000	x0000	NOP	
x3139	0000000000000000	x0000	NOP	
x313A	0000000000000000	x0000	NOP	
x313B	0000000000000000	x0000	NOP	
x313C	0000000000000000	x0000	NOP	
x313D	0000000000000000	x0000	NOP	
x313E	0000000000000000	x0000	NOP	
x313F	0000000000000000	x0000	NOP	

LC3 Simulator - Arithmetic Functions.obj

File Execute Simulate Help

Jump to: x3120

R0	x7FFF	32767	R4	x000C	12	PC	xFD79	-647
R1	xFFFF	-1	R5	FFFF4	-12	IR	B02C	-20436
R2	FFFF4	-12	R6	x0000	0	PSR	x8001	-32767
R3	x0000	0	R7	xFD75	-651	CC	P	

x3120	00000000000001100	x000C	NOP
x3121	00000000000001100	x000C	NOP
x3122	00000000000000000	x0000	NOP
x3123	00000000000001100	x000C	NOP
x3124	00000000000001100	x000C	NOP
x3125	00000000000000000	x0000	NOP
x3126	00000000000000000	x0000	NOP
x3127	00000000000000000	x0000	NOP
x3128	00000000000000000	x0000	NOP
x3129	00000000000000000	x0000	NOP
x312A	00000000000000000	x0000	NOP
x312B	00000000000000000	x0000	NOP
x312C	00000000000000000	x0000	NOP
x312D	00000000000000000	x0000	NOP
x312E	00000000000000000	x0000	NOP
x312F	00000000000000000	x0000	NOP
x3130	00000000000000000	x0000	NOP
x3131	00000000000000000	x0000	NOP
x3132	00000000000000000	x0000	NOP
x3133	00000000000000000	x0000	NOP
x3134	00000000000000000	x0000	NOP
x3135	00000000000000000	x0000	NOP
x3136	00000000000000000	x0000	NOP
x3137	00000000000000000	x0000	NOP
x3138	00000000000000000	x0000	NOP
x3139	00000000000000000	x0000	NOP
x313A	00000000000000000	x0000	NOP
x313B	00000000000000000	x0000	NOP
x313C	00000000000000000	x0000	NOP
x313D	00000000000000000	x0000	NOP
x313E	00000000000000000	x0000	NOP
x313F	00000000000000000	x0000	NOP

Arithmetic Functions.obj 292 instructions executed Idle

(12,12)

R0	x7FFF	32767	R4	x000A	10	PC	xFD79	-647
R1	xFFFF	-1	R5	xFFEC	-20	IR	xB02C	-20436
R2	xFFEC	-20	R6	xFFF6	-10	PSR	x8001	-32767
R3	xFFF6	-10	R7	xFD75	-651	CC	P	

x3120	00000000000001010	x000A	NOP
x3121	00000000000010100	x0014	NOP
x3122	1111111111110110	xFFF6	TRAP xF6
x3123	00000000000001010	x000A	NOP
x3124	00000000000010100	x0014	NOP
x3125	00000000000000010	x0002	NOP
x3126	00000000000000000	x0000	NOP
x3127	00000000000000000	x0000	NOP
x3128	00000000000000000	x0000	NOP
x3129	00000000000000000	x0000	NOP
x312A	00000000000000000	x0000	NOP
x312B	00000000000000000	x0000	NOP
x312C	00000000000000000	x0000	NOP
x312D	00000000000000000	x0000	NOP
x312E	00000000000000000	x0000	NOP
x312F	00000000000000000	x0000	NOP
x3130	00000000000000000	x0000	NOP
x3131	00000000000000000	x0000	NOP
x3132	00000000000000000	x0000	NOP
x3133	00000000000000000	x0000	NOP
x3134	00000000000000000	x0000	NOP
x3135	00000000000000000	x0000	NOP
x3136	00000000000000000	x0000	NOP
x3137	00000000000000000	x0000	NOP
x3138	00000000000000000	x0000	NOP
x3139	00000000000000000	x0000	NOP
x313A	00000000000000000	x0000	NOP
x313B	00000000000000000	x0000	NOP
x313C	00000000000000000	x0000	NOP
x313D	00000000000000000	x0000	NOP
x313E	00000000000000000	x0000	NOP
x313F	00000000000000000	x0000	NOP