Адрес	Код команды	Команда	id	Такты (стадии конвейера)
80000000	00000097	auipc x1,0x0	0	F ID D AL
80000004	03008093	addi x1,x1,48 # 80000030	1	F ID D AL
80000008	00800a13	addi x20,x0,8	2	F ID D AL
8000000c	0000af83	lw x31,0(x1)	3	F ID D M1 M2 M3
80000010	00408093	addi x1,x1,4	4	F ID D AL
80000014<lp>	0000a103	lw x2,0(x1)	5	F ID D M1 M2 M3
80000018	00408093	addi x1,x1,4	6	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	7	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	0	F ID D B
80000024	00200fb3	addi x20,x0,-1	1	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	2	F ID D B
8000002c<lp2>	0000006f	jal x0,8000002c <lp2>	3	F ID D X
80000030	00000001	<invalid operation>	4	F ID DX
80000034	00000002	<invalid operation>	5	F X
80000038	00000003	<invalid operation>	6	FX
80000014<lp>	0000a103	lw x2,0(x1)	4	F ID D M1M2 M3
80000018	00408093	addi x1,x1,4	5	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	6	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	7	F ID D B
80000024	00200fb3	add x31,x0,x2	0	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	1	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	2	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	3	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	4	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	5	F ID D B
80000024	00200fb3	add x31,x0,x2	6	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	7	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	0	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	1	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	2	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	3	F ID D B
80000024	00200fb3	add x31,x0,x2	4	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	5	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	6	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	7	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	0	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	1	F ID D B
80000024	00200fb3	add x31,x0,x2	2	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	3	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	4	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	5	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	6	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	7	F ID D B
80000024	00200fb3	add x31,x0,x2	0	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	1	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	2	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	3	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	4	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	5	F ID D B
80000024	00200fb3	add x31,x0,x2	6	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	7	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	0	F ID D M1M2M3
80000018	00408093	addi x1,x1,4	1	F ID D AL
8000001c	fffa0a13	addi x20,x20,-1	2	F ID D AL
80000020	01f1646	bltu x2,x31,80000028<lt	3	F ID D B
80000024	00200fb3	add x31,x0,x2	4	F ID D AL
80000028<lt>	fe0a16e3	bne x20,x0,80000014 <lp>	5	F ID D B
80000014<lp>	0000a103	lw x2,0(x1)	6	F ID D X
80000018	00408093	addi x1,x1,4	7	F ID DX
8000001c	fffa0a13	addi x20,x20,-1	0	F X
80000020	01f1646	bltu x2,x31,80000028<lt	1	FX
8000002c<lp2>	0000006f	jal x0,8000002c <lp2>	7	F ID D B
80000030	00000001	<invalid operation>	0	F ID D X
80000034	00000002	<invalid operation>	1	F IDDX
80000038	00000003	<invalid operation>	2	F X
8000003c	00000004	<invalid operation>	3	FX
8000002c<lp2>	0000006f	jal x0,8000002c <lp2>	1	F ID D B
8000002c<lp2>	0000006f	jal x0,8000002c <lp2>	2	F ID D B