



ALU Instruction(s)

- ADD.L src1,src2/dst
 - Size is always .L (cannot choose .B or .W)
 - Adds src1 and src2/dst and places result in src2/dst overwriting the original value
 - One operand MUST BE a data register though it can be either source or dest. (e.g. ADD.L Dn,dst or ADD.L src,Dn
- SRC can be {reg, mem., immediate}
- DST can be {reg, mem.}





Examples

Initial Conditions:

- ADD.L D0,D1
- ADD.L D0, 0

• ADDI.L #0x341E, D0

00000		5	6	7	8	1	2	3	4	
D0:		1	2	3	4	5	4	3	2	
D1:		С	8	2	D	F	Ε	9	8	
	+	1 A		3 C						
D1:		D	A	6	2	5	2	С	А	
	+	1 5		3 7						
00000		6	8	А	С	6	6	6	6	