

FILE HEADER FILE NAME 0x00000000 TEXT ADDRESS 0x00000009 DATA ADDRESS 0x0000000D RELOCATION INFORMATION ADDRESS 0x00000011 SYMBOL TABLE ADDRESS 0x00000015 DEBUG INFORMATION ADDRESS 0x00000019	FILE.OBJ (9) 0x0000001D 0x000000F5 0x000000FD 0x00000115 0x00000175
TEXT 0x0000001D 0x00000021 0x00000025 0x00000029 0x0000002D 0x00000031 0x00000035 0x00000039 0x0000003D 0x00000041 0x00000045 0x00000049 0x0000004D 0x00000051 0x00000055 0x00000059 0x0000005D 0x00000061 0x00000065 0x00000069 0x0000006D 0x00000071 0x00000075 0x00000079 0x0000007D 0x00000081 0x00000085 0x00000089 0x0000008D 0x00000091 0x00000095 0x00000099 0x0000009D	main: addi \$t0, \$zero, 30 addi \$t1, \$zero, 75 addi \$sp, \$sp, -4 addi \$t2, \$zero, 7 sw \$t2, 0x4(\$sp) lw \$t3, -0x8000(\$gp) lw \$t4, -0x7FFC(\$gp) add \$t5, \$t3, \$t0 add \$t5, \$t5, \$t1 add \$t5, \$t5, \$t4 addi \$sp, \$sp, -40 sw \$t5, 0x10(\$sp) sw \$t3, 0x20(\$sp) sw \$t1, 0x8(\$sp) add \$a0, \$t0, \$zero add \$a1, \$t1, \$zero jal delta add \$t3, \$v0, \$zero addi \$t3, \$t3, 15 blez \$t3, else lw \$t6, 0x?(\$gp) addi \$t3, \$t6, 1 j for else: add \$a0, \$t0, 0\$zero jal factorial add \$t1, \$v0, \$zero for: add \$t7, \$zero, \$zero addi \$t8, \$zero, 4 loop: bge \$t7, \$t8, nxtfor addi \$t3, \$t3, 1 add \$t5, \$t0, \$t1 addi \$t7, \$t7, 1 #f = f +1 j loop

0x000000A1 0x000000A5 0x000000A9 0x000000AD 0x000000B1 0x000000B5 0x000000B9 0x000000BD 0x000000C1 0x000000C5 0x000000C9 0x000000CD 0x000000D1 0x000000D5 0x000000D9 0x000000DD 0x000000E1 0x000000E5 0x000000E9 0x000000ED 0x000000F1	nxtfor: add \$a0, \$t3, \$zero jal mult add \$t5, \$v0, \$zero addi \$v0, \$v0, 10 syscall factorial: add \$s0, \$a0, \$zero addi \$t9, \$zero, 1 bge \$s0, \$t9, false add \$v0, \$v0, 1 jr \$ra false: addi \$sp, \$sp, -8 sw \$ra, 0(\$sp) sw \$s0, 4(\$sp) addi \$s1, \$s0, -1 add \$a0, \$s1, \$zero jal factorial mul \$v0, \$v0, \$s0 lw \$ra, 0(\$sp) lw \$s0, 4(\$sp) addi \$sp, \$sp, 8 jr \$ra	
DATA 0x000000F5 0x000000F9	a: .word 5 one: .word 1	
RELOCATION INFORMATION 0x000000FD 0x00000105 0x0000010D	INSTRUCTION jal delta lw \$t6, 0x?(\$gp) jal mult	DEPENDENCY delta glob mult
SYMBOL TABLE 0x00000115 0x0000011D 0x00000125 0x0000012D 0x00000135 0x0000013D 0x00000145 0x0000014D 0x00000155 0x0000015D 0x00000165 0x0000016D	Symbol main else for loop nxtfor factorial false delta glob mult a one	Address 0x0000001D 0x00000079 0x00000085 0x0000008D 0x000000A1 0x000000B5 0x000000C9 ? ? ? 0x000000F5 0x000000F9
DEBUG INFO 0x00000175	N/A	