

Example 0.

Add value in reg. 5 to value in reg. 7, store sum in reg. 3, then return

MIPS Machine code:

binary	hex	location meaning
00000000 10100111 00011000 00100000	00a71820	; add \$5+\$7 into \$3 00000000 add \$3, \$5, \$7
00000011 11100000 00000000 00001000	03e00008	; return to OS 00000004 jr \$31