

Example 0.

Add value in reg. 1 to value in reg. 2, store sum in reg. 3, then return

MIPS Machine code:

binary	hex	location meaning
00000000 00100010 00011000 00100000	00221820	; add \$1+\$2 into \$3 00000000 add \$3, \$1, \$2
00000011 11100000 00000000 00001000	03e00008	; return to OS 00000004 jr \$31