

Help

CHANGING THE INSTRUCTION SEQUENCE



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1. CHECK YOUR UNDERSTANDING (1/1 point)

An LC-3 JMP instruction has an Opcode of 1100 and the following format:

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
JMP				0	0	0	Base			0	0	0	0	0	0

Which of the following best describes the operation performed by the instruction 1100000000000000?

- ☒ Load the contents of R0 into the PC. ✓
- ☐ Load the contents of R6 into the PC.
- ☐ Perform no operation.

EXPLANATION

The base register is R0. The value of that register is written to the PC register.

Help

Final Check

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