

Code Logic:

For printing larger of the 2 numbers.

Instruction Address	Instruction
0	CLA
1	INP 157
2	INP 158
3	LAC 157
4	SUB 158
5	BRN L1
6	DSP 157
7	CLA
8	BRZ L2
9	L1: DSP 158
10	CLA
11	BRZ L2
12	L2 :STP

We have assumed that the inputs are stored at location 157,158 (Decimal) . You may convert the addresses in the notation that your assembler is accepting.