LARGEST NUMBER

|  |  |  |
| --- | --- | --- |
| 2000 | LXI H 2050 | H←20, L←50 |
| 2003 | MOV C, M | C←M |
| 2004 | DCR C | C←C-01 |
| 2005 | INX H | HL←HL+0001 |
| 2006 | MOV A, M | A←M |
| 2007 | INX H | HL←HL+0001 |
| 2008 | CMP M | A-M |
| 2009 | JNC 200D | If Carry Flag=0, goto 200D |
| 200C | MOV A, M | A←M |
| 200D | DCR C | C←C-1 |
| 200E | JNZ 2007 | If Zero Flag=0, goto 2007 |
| 2011 | STA 3050 | A→3050 |
| 2014 | HLT |  |

