

```
LHLD 0003
SPHL
LHLD 0005
XCHG
MVI A,00
LXI H,0000
LXI B,0000
LOOP1:DAD SP
JNC LOOP2
INX B
LOOP2:DCX D
CMP E
JNC SKIP
CMP D
SKIP:JNZ LOOP1
SHLD 0008
MOV H,B
MOV L,C
SHLD 0010
STOP:HLT
```