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Write an assembly language program of bubble sort in 8085 microprocessor

```
LXI H,2049
MOV B,M ;B=3 ITEM
DCR B ;B=2
INX H
BCK: MOV A,M ;FIRST DATA= 3
INX H
CMP M ;3<8,8>4
JC FWD ;IF ITEM < DATA
MOV C,M ;C=4
MOV M,A ;M=8
DCX H
MOV M,C ;M=4
INX H
FWD: DCR B ;B=1,0
JNZ BCK
HLT
```