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Write an assembly language program of linear search in 8085 microprocessor

```
LXI H,2050
MOV C,M ; C IS COUNTER
LDA 3050
MOV B,A ; B IS DATA
L2: INX H
MOV A,M
CMP B
JNZ L1
MVI A, 0 ; DATA FOUND
STA 3051
HLT
L1: MVI A,1 ; DATA NOT FOUND
STA 3051
DCR C
JNZ L2
HLT
```