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Write an assembly language program of binary search in 8085 microprocessor

```
MVI B,1;
MVI C,10;
LXI H,0000;
MVI A,0H;
STA 000BH;
MOV D,m;
LAB2: MOV A,B;
CMP C;
JC LAB;
JZ LAB; // HIGH>=LOW
HLT;
LAB: MOV A,B;
ADD C;
RAR;
MOV E,A; // middle in E
MOV L,E;
MOV A,m;
CMP D;
JC LESS;
JNZ MORE;
MOV A,L;
STA 000BH;
HLT;
LESS: MOV B,E;

INR B;
JMP LAB2;
MORE: MOV C,E;
DCR C;
JMP LAB2;
```