;Write a program that will count up from 00 to FF at port A. Be sure to use PCHL command.

```
MVI A,00H

L1: OUT 40H
INR A
JZ L2

LXI H,L1
PCHL

L2: HLT
```


;Write a program that will count up from 00 to FF at port A. Be sure to use PCHL command.

```
MVI A,00H

L1: OUT 40H
CPI 0FFH
INR A
JNC L2

L2: JZ L3
JMP L1
     ;Output is at O/P port 40H
L3: HLT
```