

#Write an assembly language program to convert packed BCD to 7-seg code.

```
LXI SP,FFFF
MVI A,00
OUT 30
LOOP: IN 32
CALL UNPACK
UNPACK: MOV B,A
ANI 0F
MOV C,A
MOV A,B
ANI 0F
RRC
RRC
RRC
RRC
RRC
MOV B,A
RET
MVI A,94
OUT 05
MOV A,L
ADD B
MOV L,A
MOV A,M
OUT 04
LXI H,CODE
MOV A,L
ADD C
MOV L,A
OUT 04
JMP LOOP
```