```
; This program (ZSYSGEN) can be used to write the CPM3 loader (CPMLDR)
; (also included in this program) on the system tracks of a 8" Floppy disk
; using a ZFDC Controller.

;r Z80ASM.com
;r RMAC.com
;r LINK.COM
;r SID.COM
r CPM3.LIB
r Z80.LIB

R ZSYSGEN.Z80
Z80ASM ZSYSGEN FH

r ZLDRBIOS.ASM
RMAC ZLDRBIOS.ASM
r CPMLDR.REL
LINK CPMLDR[L100]=CPMLDR,ZLDRBIOS

; CPMLDR.COM will reside from 100H to ~0FFFH
; Note if your BIOS is larger adjust values below

; Put in Clear screen instead of 26 CR's for signon
; If your CRT does not have a Clear Screen CMD (1AH), skip

SID CPMLDR.COM
<F226,23D,0D
<F225,226,1A
<WCPMLDR.COM,100,0FFF
<^C
;
W CPMLDR.COM
; Note:- You can check CPMLDR.COM itself with ZSID CPMLDR.COM
; Use the G command.

; Now we will place ZSYSGEN.HEX at 100H to < ~980H
; This will have the first boot sector data at 900H to < 980H
; We place CPMLDR.COM at 880+100H = 980H to ~197FH (980H+0FFFH)
; We write the whole image (100H to 1FFF) as a .COM file
; This ZSYSGEN program will the write the CPMLDR to system tracks
; starting from 900H in RAM upwards, (52 sectors), extra sectors
; just contain junk info.
;
SID ZSYSGEN.HEX
<RCPMLDR.COM,880
<WZSYSGEN.COM,100,1FFF
<^C
W ZSYSGEN.COM B
;
;ZSYSGEN.COM is a file to put the CPMLDR on an 8" SSSD Floppy disk
;This is for a CPM3 floppy system with a ZFDC FDC
```