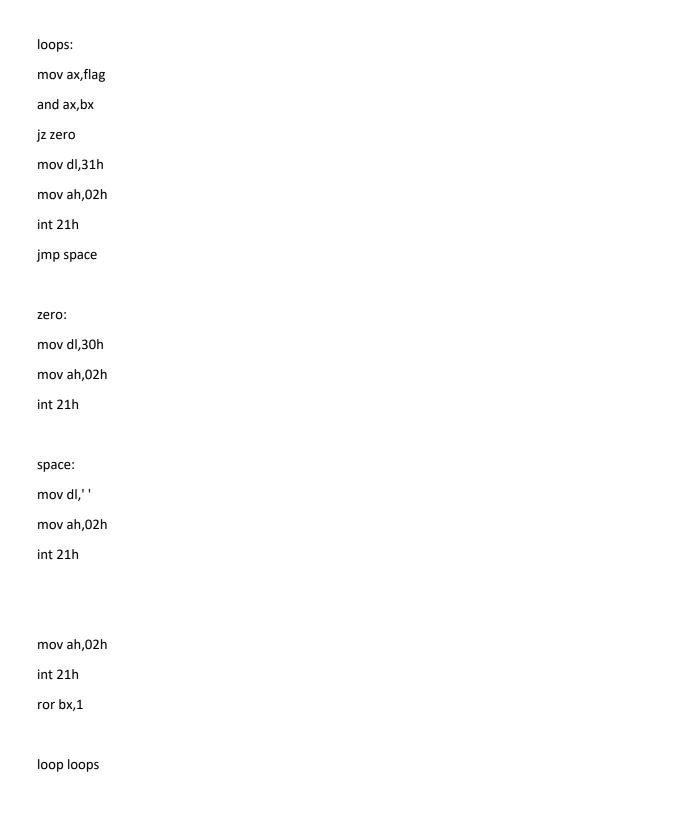
Code:

```
Data Segment
title db 0dh,0ah,"NIYATI EXP3 $"
msg db 0dh,0ah,"-- -- -- OF DF IF TF SF ZF -- AF -- PF -- CF $"
newl db 0dh,0ah,"$"
flag dw?
Data ends
Code Segment
ASSUME CS:Code,DS:Data
start:
mov ax,Data
mov DS,ax
mov dx,offset title
mov ah,09h
int 21h
mov dx,offset msg
mov ah,09h
int 21h
mov dx,offset newl
mov ah,09h
int 21h
cli
stc
std
```



pushf

pop bx

mov flag,bx

mov cx,16

mov bx,8000h

mov ah,4ch

int 21h

Code ends

end start

Output:

```
C:\TASM>edit
C:\TASM>TASM exp3.asm
Turbo Assembler Version 3.0 Copyright (c) 1988, 1991 Borland International
Assembling file:
                    exp3.asm
Error messages:
                    None
Warning messages:
                    None
Passes:
                    1
Remaining memory:
                    475k
C:\TASM>tLINK exp3.obj
Turbo Link Version 2.0 Copyright (c) 1987, 1988 Borland International
Warning: no stack
C:\TASM>EXP3.exe
NIYATI EXP3
 - -- -- OF DF IF TF SF ZF -- AF -- PF -- CF
1 1 1 0 1 0 0 0 0 0 0 0 0 1 1
C:\TASM>
```

