

```

Org 100h                                ;Still need the ORG.

;-----
BBLink Proc Near

Start:
    Jump SetErrorTrap

Include Support.Inc                    ;--- Prototypes - Masm 6.0 equivalent of Declarations

SetErrorTrap:
    Call HookInt24

MenuStart:                            ;--- Initialize Screen et al.
    Call LoadDefaultValues

    Invoke CLS,0,0,18h,50h            ;screen coords to clear

;--- Print Main Menu and Logo
    Xor DX,DX                        ;look at page zero
    Mov ES,DX                        ;through ES
    Xor CX,CX
    Mov BX,0B000h                    ;assume mono screen segment initially
    Mov AL,ES:[463h]                 ;get equipment list
    Cmp AL,0B4h                      ;is it mono?
    Jnz @F
    Mov DX,MonoColor                 ;get mono color
    Mov Color,DX
    Mov DX,MonoErrCol                ;and error color
    Mov ErrColor,DX
    Jump Get_Params                  ;yes, skip over adding 800h
@@:
    Add BX,800h                      ;no, adjust to point to color screen memory
    Inc CX
    Push BX                          ;save BX
    Mov AH,12h                       ;specify EGA BIOS special function service
    Mov BL,10h                       ;request EGA info
    Int 10h                          ;call the EGA BIOS
    Cmp BL,10h                       ;if BL is still 10h, there's no EGA installed
    Pop BX                           ;get BX back (screen segment)
    Jnz Get_Params                   ;it IS an EGA, leave retrace port at 0
    Mov RTP,3DAh                     ;must be a CGA, indicate the port to check for retrace

Get_Params:
    Mov ES,BX                        ;point ES at Screen memory
    Mov ScrnSeg,BX                   ;save for DPrint
    Mov SI,Offset MainMnu            ;get address of menu screen
    Xor DI,DI                         ;start from top of screen
    Invoke PrintZStr,SI, Color, DI

TopData:                             ;Print data on top
    Mov DI,Offset MlFileLc
    Push DI
    Mov CX,NumTopFields
    Call TopLoop

    Cmp Byte Ptr LabelFlag,'L'
    Jnz @F
    Invoke LabelMenu, 1              ;default screen
    Jump Short ShowDone

@@:
    Mov SI,Offset EnvMenu
    Invoke PrintZStr,SI, Color, BLoc
    Mov DI,Offset EnvScrLoc          ;envelope input
    Push DI                          ;preserve through field printing
    Mov CX,9                         ;number of fields in the envelope screen
    Call TopLoop                     ;color in each field
    Pop DI                           ;retrieve screen location

ShowDone:
    Pop SI
    Mov DI,SI                        ;first field offset

GetInfo:                             ;This section loops through
    Cmp Byte Ptr [DI],0              ;the menu to receive data from
    Jnz NoSwitch                     ;are we at the end of our fields?
    Push SI
    Mov DI,BLoc                      ;new menu location
    Mov ES,ScrnSeg                  ;point ES at screen seg
    Cmp Byte Ptr LabelFlag,'L'
    Jnz @F
    Invoke CLS,12,0,22,79
    Invoke LabelMenu, 0
    Pop SI
    Mov DI,Offset LabelScrLoc        ;Label input
    Jump GetInfo

;
IBM is a registered trademark of International Business Machines Corporation

```