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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

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