

Print to Screen without OS#

General Information

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Assembler: Bibo Assembler

Example:

```
00660 DEMO      LDX 10
00670          LDY 5
00680          JSR PRINT
00690          .AT "HELLO PSC SOFTWARE"
00700          .HX 9B

00010 *****
00020 *                      *
00030 *  Screen Output without *
00040 *  ATARI OS Routines    *
00050 *                      *
00060 *  <X> - X POSITION      *
00070 *  <Y> - Y POSITION      *
00080 *                      *
00090 *****
00100 ;
00110 ;
00120 ; OS Variables
00130 ;
00140 SAVMSC      =   $58      ScreenMem
00150 CRSINH     =   $02F0    Cursor Pos
00160 ;
00170 ; ZERO PAGE REGISTER
00180 ;
00190 ZTEMP      =   $F5
00200 ;
00210 ;
00220          .OR $4000
00230 ;
00240 ;
00250 PRINT      LDA SAVMSC    copy screen-
00260          STA ZTEMP      address
00270 ;
00280 Y_LOOP    CLC
00290          LDA ZTEMP
00300          ADC #40
00310          STA ZTEMP
00320          LDA ZTEMP+1
00330          ADC #0
00340          STA ZTEMP+1
00350          DEY
00360          BNE Y_LOOP
00370 ;
00380 X_RECH    CLC
00390          TXA
00400          ADC ZTEMP
00410          STA ZTEMP
00420          LDA ZTEMP+1
00430          ADC #0
00440          STA ZTEMP+1
```

```
00450      PLA
00460      STA ZTEMP+2
00470      PLA
00480      STA ZTEMP+3
00490 ;
00500 AUSLOOP  INY
00510      LDA (ZTEMP+3),Y
00520      CMP #$9B
00530      BEQ AUSEND
00540      STA (ZTEMP),Y
00550      JMP AUSLOOP
00560 ;
00570 AUSEND   TYA
00580      CLC
00590      ADC ZTEMP+2
00600      PHA
00610      LDA ZTEMP+3
00620      ADC #0
00630      PHA
00640      RTS
00650 -----
```