

Invert Char at X/Y Position#

contributed by Michael P./WASEO/ABBUC 27.06.2007

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(* Invert l chars at x,y, PD, Author:Michael P./WASEO/ABBUC 27.06.2007 *)
(* max 255 chars, needs the PEEK function from the Kyan lib/docu *)
Procedure InvertXY(x,y,l:Integer);
var adrinv:integer;
begin
  adrinv:= peek(88)+peek(89)*256+(y*40)+x;
#A
  LDY #5 ;OFFSET ADRINV:L
  LDA (_SP),Y
  STA _T
  LDY #6 ;OFFSET ADRIV:H
  LDA (_SP),Y
  STA _T+1
  LDY #7 ;OFFSET LENGTH:L
  LDA (_SP),Y
  STA _T+2; ;Length TO _T+2
  LDY #0
L1 LDA (_T),Y ;LOAD CHAR TO ACCU
  EOR #128 ;INVERT CHAR
  STA (_T),Y ;STORE CHAR BACK
  INY ;Increase Counter
  CPY _T+2 ;Length reached?
  BNE L1 ;NO: Back to L1
#
end;
```