

Bitwise AND for Kyan Pascal#

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(* BITWISE AND, PD, Author:Michael P./WASEO/ABBUC 27.06.2007 *)
FUNCTION BT_AND(B1,B2:INTEGER):INTEGER;
BEGIN
  BT_AND:=0;
#A
  LDY #9 ;OFFSET TO B1:L
  LDA (_SP),Y ;BYTE 1 -> ACCU
  STA _T ;BYTE 1 -> TEMP
  LDY #7 ;OFFSET TO B2:L
  LDA (_SP),Y ;BYTE 2 -> ACCU
  AND _T ;B1 AND B2 -> ACCU
  LDY #5 ;OFFSET F-RESULT:L
  STA (_SP),Y ;STORE RESULT
  LDY #6 ;OFFSET F-RESULT:H
  LDA #0
  STA (_SP),Y ;STORE 0 TO LSB OF RESULT
#
END;
```