

LISTAD

PCHAR

see below

Convert binary integers and print it

preserve integers in W1

clear ZSUP for zero suppression

W2 := 3 for local table lookup

RETURN

W3 := character 0

W4 := pick up appropriate power of 10 from local table

W1 := W1 - power of ten

neg?

yes

no

advance W3

restore W1

reduce W2 by one

is character zero?

no

yes

ZSUP := non zero

has suppression begun?

no

yes

PCHAR digit

PCHAR space

RETURN

last digit?

no

yes

PCHAR last digit

EXIT

PCHAR

is it newline?

yes

no

punch char using table

punch newline sequence

EXIT

CALLED FROM

ENDPRO FAIL REPORT