FCLAPS

WM := -1

Erase block stopper at NLP+4

type [NLP] ?
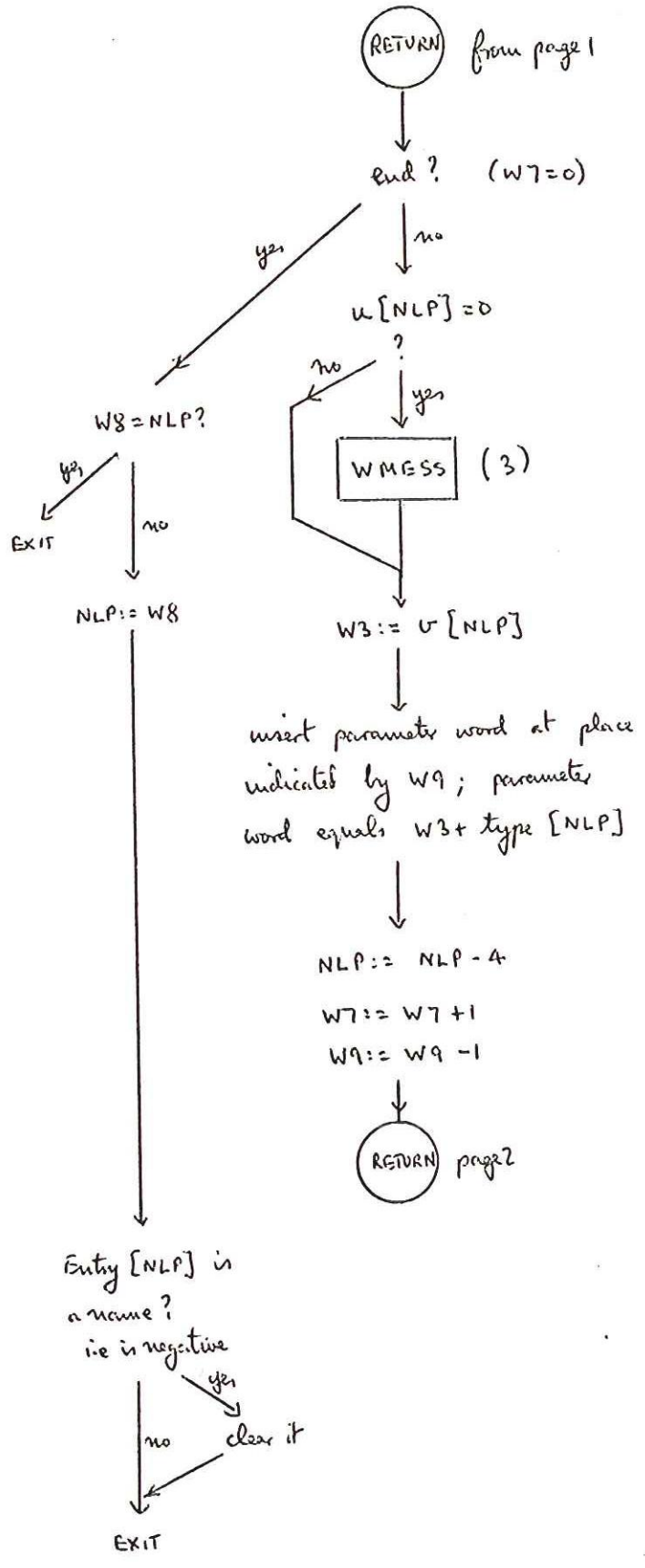
type procedure

other

FD[NLP] = 1 ?

no → FAIL 16

yes

FD[NLP] := 3

v[NLP] := 0
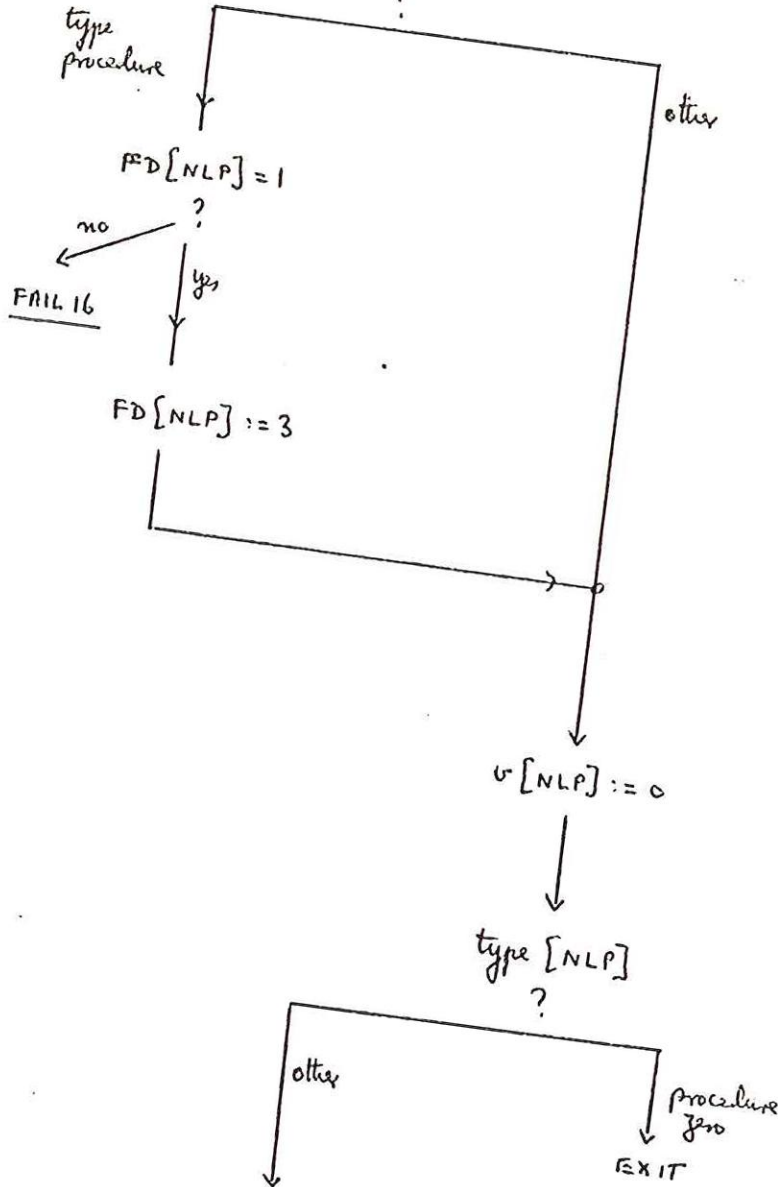
v bit =1 during proc. body - used to detect recursion

type [NLP] ?

other

procedure zero → EXIT

W7 := -DIM[NLP]
W8 := eventual NLP
W9 := NLP := NLP-4

W8 := NLP - 4*((DIM+3) div 4)

CALLED FROM
PROCED
SEMICO

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FCLAPS   continued

(RETURN) from page 1

end ?   (W7=0)

yes ↙   ↓ no

u[NLP] = 0 ?

no ↙   ↓ yes

WMESS   (3)

W8 = NLP?

yes ↙   ↓ no

EXIT

NLP := W8

W3 := u[NLP]

insert parameter word at place indicated by W9; parameter word equals W3 + type[NLP]

NLP := NLP - 4
W7 := W7 + 1
W9 := W9 - 1

(RETURN) page 2

Entry [NLP] is a name? i.e is negative

yes ↘ clear it

no ↓

EXIT

The first parameter word is adjacent to the procedure name.

There may be a vestige of a name occupying word 0 of the parameter word group of 4.

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