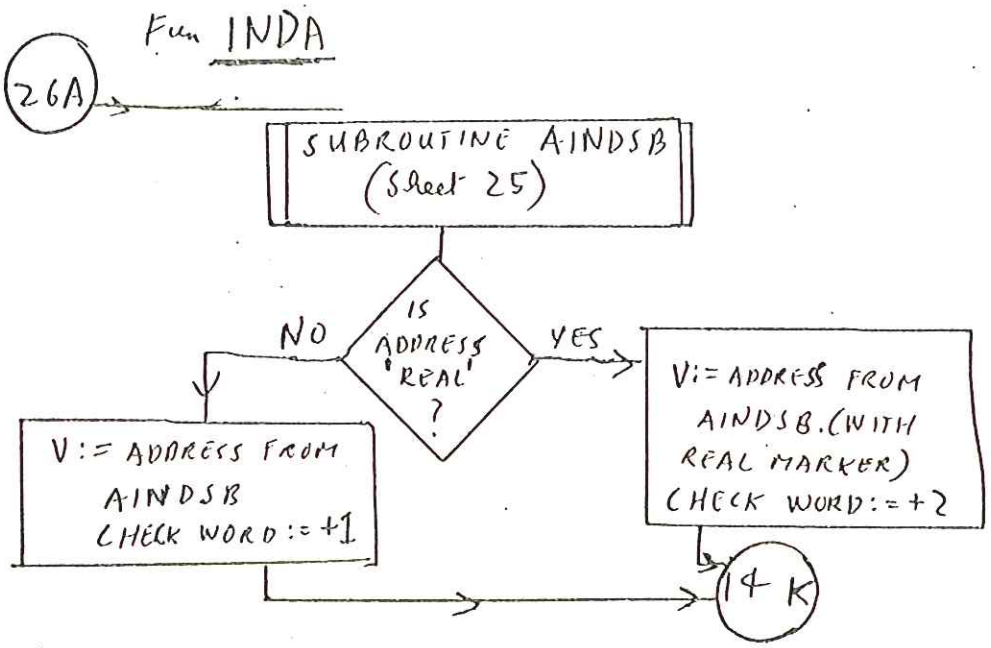
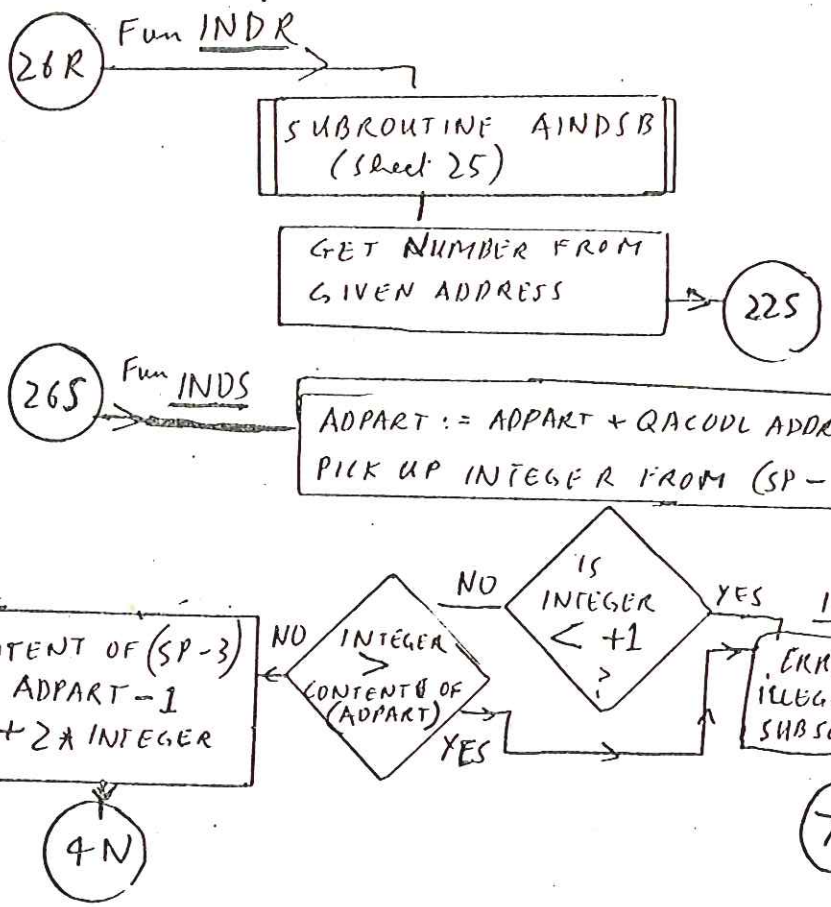
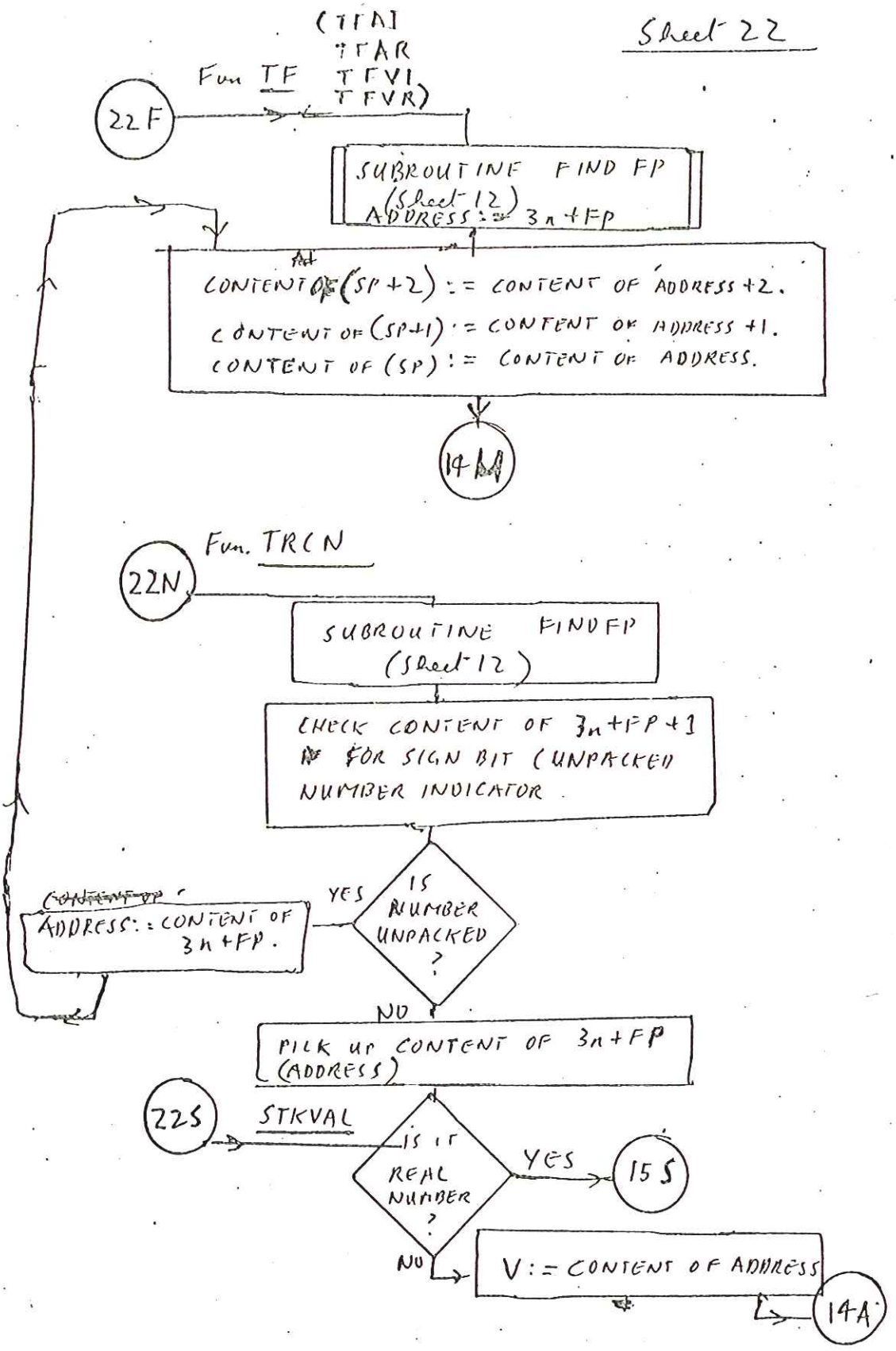
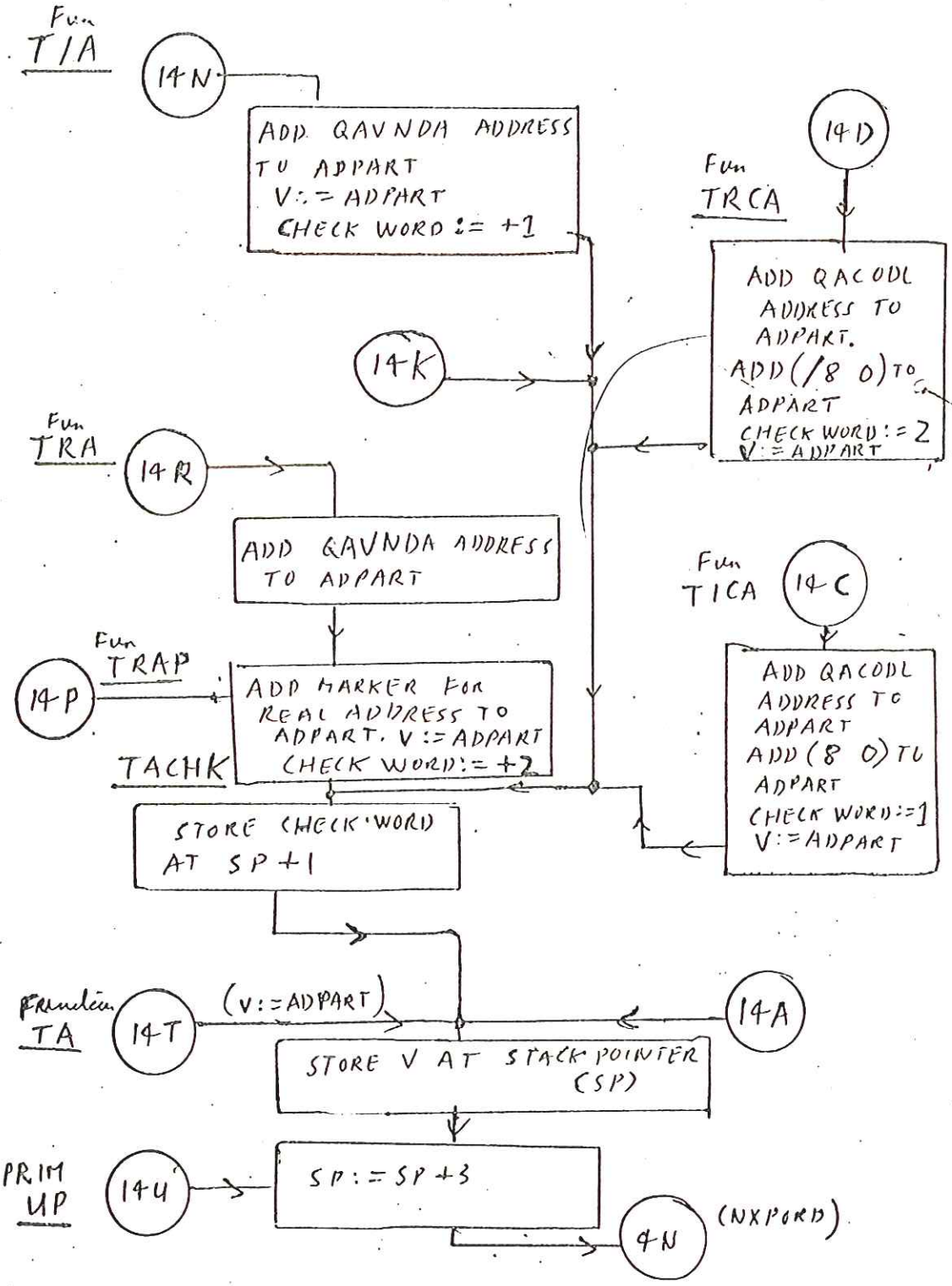
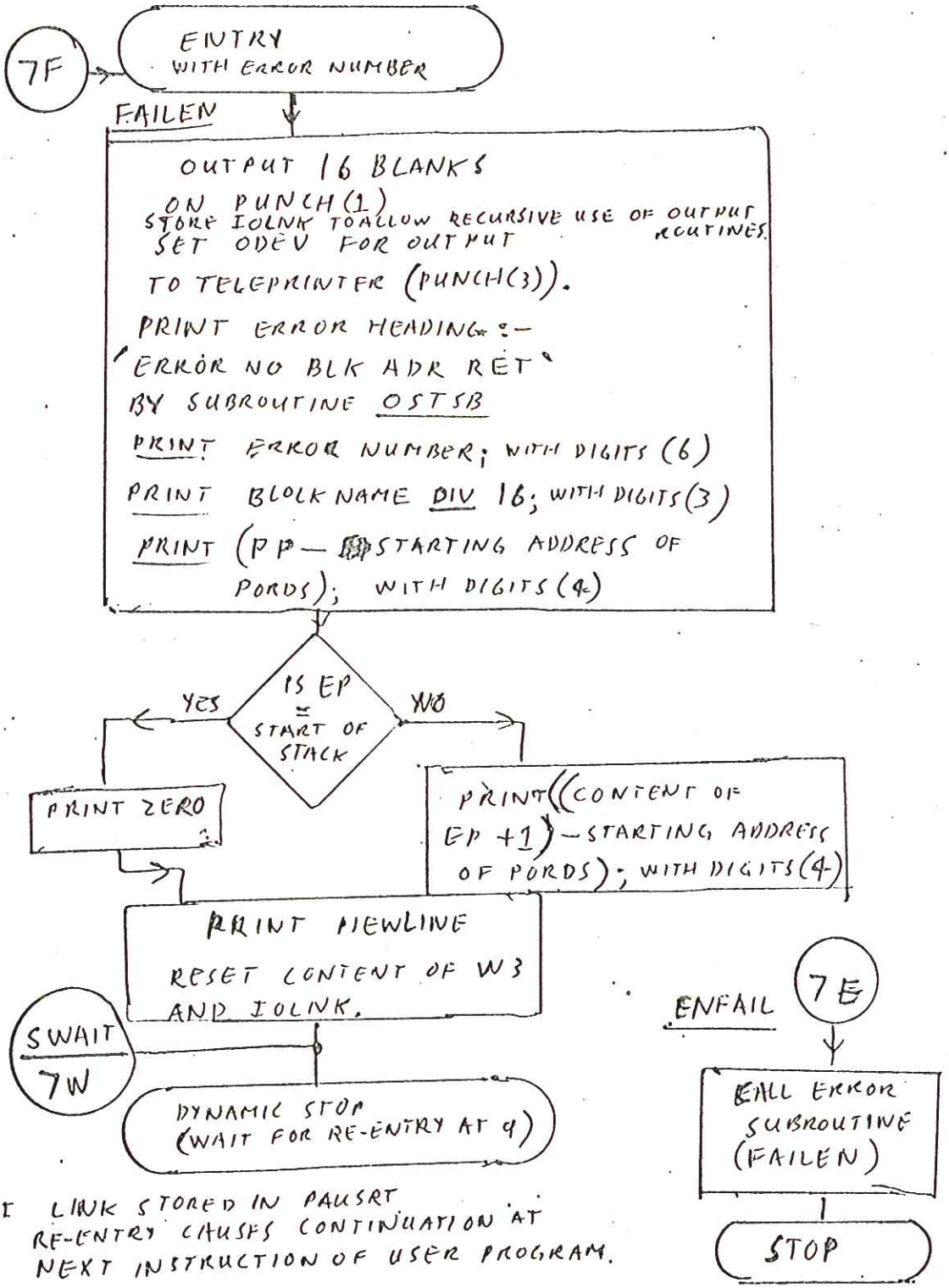

Fun INDA
26A
SUBROUTINE AINDSB (Sheet 25)
IS ADDRESS 'REAL' ?
NO
YES
V := ADDRESS FROM AINDSB CHECK WORD := +1
V := ADDRESS FROM AINDSB (WITH REAL MARKER) CHECK WORD := +2
14K


26R
Fun INDR
SUBROUTINE AINDSB (Sheet 25)
GET NUMBER FROM GIVEN ADDRESS
225
26S
Fun INDS
ADPART := ADPART + QACODL ADDRESS
PICK UP INTEGER FROM (SP-3)
IS INTEGER < +1 ?
NO
YES
INDSFL
ERROR NO.=4 ILLEGAL SWITCH SUBSCRIPT
7E
INTEGER > CONTENTS OF (ADPART)
NO
YES
CONTENT OF (SP-3) := ADPART-1 +2*INTEGER
4N


(TFA
TFAR
TFVI
TFVR)
Fun TF
22F
SUBROUTINE FIND FP
(Sheet 12)
ADDRESS := 3n+FP
CONTENT OF (SP+2) := CONTENT OF ADDRESS+2.
CONTENT OF (SP+1) := CONTENT OF ADDRESS+1.
CONTENT OF (SP) := CONTENT OF ADDRESS.
14M
Fun. TRCN
22N
SUBROUTINE FINDFP
(Sheet 12)
CHECK CONTENT OF 3n+FP+1
FOR SIGN BIT (UNPACKED
NUMBER INDICATOR
IS NUMBER UNPACKED ?
YES
ADDRESS := CONTENT OF 3n+FP.
NO
PICK UP CONTENT OF 3n+FP
(ADDRESS)
22S
STKVAL
IS IT REAL NUMBER ?
YES
15S
NO
V := CONTENT OF ADDRESS
14A


Fun
TIA
14N
ADD QAVNDA ADDRESS
TO ADPART
V:= ADPART
CHECK WORD := +1
14D
Fun
TRCA
ADD QACODL
ADDRESS TO
ADPART.
ADD (/8 0) TO
ADPART
CHECK WORD := 2
V := ADPART
14K
Fun
TRA
14R
ADD QAVNDA ADDRESS
TO ADPART
Fun
TICA
14C
Fun
TRAP
14P
TACHK
ADD MARKER FOR
REAL ADDRESS TO
ADPART. V := ADPART
CHECK WORD := +2
ADD QACODL
ADDRESS TO
ADPART
ADD (8 0) TO
ADPART
CHECK WORD := 1
V := ADPART
STORE CHECK WORD
AT SP+1
Fun
TA
14T
(V := ADPART)
14A
STORE V AT STACK POINTER
(SP)
PRIM
UP
14U
SP := SP+3
4N
(NXPORD)

FAIL Subroutine (FAILEN)



SUBRT LINK STORED IN PAUSRT
RE-ENTRY CAUSES CONTINUATION AT NEXT INSTRUCTION OF USER PROGRAM.