

# File Create 1.0

This program is used to type in and record tape data files. The prompts are:

Prompt	Action
COUNT?	"Y" turns on display of @ index
HEADER-LEN	Input Length of Header - If 0 then none
DATA-LEN	Input Length of Data - If 0 then none
TRAILER?	"Y" lets you input a trailer byte
ASCII?	"Y" lets you input data as direct ASCII keyboard entries, to exit ASCII input type "GOTO" and then "Y" not "Y" lets you input data as numbers (0-255), to exit number mode type in a negative number
ANOTHER?	"Y" lets you add another record to the file

START TAPE, NT SPEED Start tape recorder and record at NT speed input

# FILE CREATE

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Line #      Statements(s)
1  FILE CREATE
2  MSK 1,1,1
3  B=0
4  V=0;PRINT "COUNT?";IF
   KP="Y" V=1
5  INPUT "HEADER-LEN";D;I
   F D C=D+8-1;GOSUB 200
6  INPUT "DATA-LEN";D;IF
   D C=D+8-1;GOSUB 200
7  PRINT "TRAILER?";IF K
   P="Y" C=B;GOSUB 200
8  PRINT "ANOTHER?";IF IS
   P="Y" GOTO 10
9  INPUT "START TAPE, NT
   SPEED?";NT
10 PRINT
11 FOR A=0 TO 5;TV=(A);NEXT A
12 RETURN
13 STOP
14 S=0;PRINT "ASCII?";IF
   KP="Y" S=1
15 FOR A=B TO C
16 IF V=PRINT #4,A;
17 TV="?"
18 IF S T=KP;TV=I;TV=I3;
   IF T="GOTO" TV="?";IF KP
   "Y" GOTO 270
19 IF S INPUT #1;IF I
   S GOTO 270
20 (A);I;NEXT A
21 B=A;RETURN

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MACHINE LANGUAGE TAPE INPUT CODE
4F1A D5 PUSH DE
4F1B D1A20 CALL 201AH
4F1E 32GE4E LD (4E6EH),A
4F21 D1 POP DE
4F22 C9 RET
4F23 00 NOP

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ADDR CODE ASSEM LANG

↑ TAPE READ ↑

Starting @ Index  
Display @ Index?  
Input Header Length then Header  
Input Data - Len then Data  
Input trailer  
Is any  
Another record on this file?  
NT speed - tape start time  
Output turned on  
Output file  
Output turned off  
ASCII Mode?  
Input Loop  
Index Print  
Prompt  
Ascii Input  
Test For  
Exit  
Numeric Input  
Test For Exit  
Save input Value  
Exit

Save PE registers  
Call Tape Input  
Put Bytes in Var. A  
Restore DE  
Return to Calling Program  
No-Operation

USE OF TAB AND SPACES IN STATEMENTS  
DO NOT ENTER A SPACE BETWEEN THE LINE  
AND STATEMENT. THIS IS DONE BY THE EDITOR