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sourceFile_WithErrors.txt
ERROR    NOSTART    1000    COPY FILE FROM INPUT TO OUTPUT
FIRST    STL        RETADR    SAVE RETURN ADDRESS
CLOOP    JSUB        RDREC     READ INPUT RECORD
                                LDA     LENGTH      TEST FOR EOF (LENGTH = 0)
                                COMP    ZERO
                                JEQ     ENDFIL      EXIT IF EOF FOUND
                                JSUB    WRREC      WRITE OUTPUT RECORD
                                J        CLOOP      LOOP
1L3G4L   LDA        EOF        INSERT END OF FILE MARKER
                                STA     BUFFER
                                LDA     THREE      SET LENGTH = 3
                                STA     LENGTH
                                JSUB    WRREC      WRITE EOF
                                LDL     RETADR      GET RETURN ADDRESS
                                RSUB     RETURN TO CALLER

ERRORR    BYTE      XF1'
DUPLICATE WORD      3
ZERO      WORD      0
RETADR    RESW      1
LENGTH    RESW      2                LENGTH OF RECORD
BUFFER    RESB      4096            4096-BYTE BUFFER AREA
.
.    SUBROUTINE TO READ RECORD INTO BUFFER
.
RDREC     LDX        ZERO          CLEAR LOOP COUNTER
                                LDA     ZERO      CLEAR A TO ZERO
RLOOP     TD         INPUT        TEST INPUT DEVICE
                                JEQ     RLOOP      LOOP UNTIL READY
                                RD       INPUT     READ CHARACTER INTO REGISTAR A
                                COMP    ZERO      TEST FOR END OF RECORD (X'00')
                                JEQ     EXIT      EXIT LOOP IF EOF
                                STCH    BUFFER,X   STORE CHARCTER IN BUFFER
                                TIX     MAXLEN     LOOP UNLESS MAX LENGTH
                                JLT     RLOOP      HAS BEEN REACHED
EXIT      STX        LENGTH       SAVE RECORD LENGTH
                                RSUB     RETURN TO CALLER
ERRORR    BYTE      Y'F1'        CODE FOR INPUT DEVICE
MAXLEN    WORD      4096
.
.    SUBROUTINE TO WRITE RECORD FROM BUFFER
.
DUPLICATE LDX        ZERO          CLEAR LOOP COUNTER
WLOOP     TD         OUTPUT       TEST OUTPUT DEVICE
                                JEQ     WLOOP      LOOP UNTIL READY
                                LDCH    BUFFER,X   GET CHARCTER FROM BUFFER
                                WD       OUTPUT     WRITE CHARACTER
                                TIX     LENGTH     LOOP UNTIL ALL CHARACTERS
                                JLT     WLOOP      HAVE BEEN WRITTEN

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                                sourceFile_WithErrors.txt
                                RESB    4096
TOOLONG                        RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RESB    4096
                                RSUB
OUTPUT  BYTE  X'05'            RETURN TO CALLER
                                CODE FOR OUTPUT DEVICE
                                END      FIRST

```