

EJEMPLO PARA EL PRIMER PASO DEL ENSAMBLADOR

COPY	START	1000
FIRST	STL	RETADR
CLOOP	+JSUB	RDREC
	LDA	LENGTH
	COMP	ZERO
	JEQ	ENDFIL
	+JSUB	WRREC
	J	CLOOP
ENDFIL	LDA	EOF
	STA	BUFFER
	LDA	#3
	STA	LENGTH
	+JSUB	WRREC
	LDL	@RETADR
	RSUB	
EOF	BYTE	C'EOF'
THREE	WORD	3
ZERO	WORD	0
RETADR	RESW	4
LENGTH	RESW	6
BUFFER	RESB	4096
RDREC	LDX	ZERO
	LDA	ZERO
RLOOP	TD	INPUT
	JEQ	RLOOP
	RD	INPUT
	COMP	ZERO
	JEQ	EXIT
	STCH	#BUFFER
	TIX	MAXLEN
	JLT	RLOOP
EXIT	STX	LENGTH
	RSUB	
INPUT	BYTE	X'F1'
MAXLEN	WORD	4096
WRREC	LDX	ZERO
WLOOP	TD	OUTPUT
	JEQ	WLOOP
	LDCH	@BUFFER
	WD	OUTPUT
	TIX	LENGTH
	+JLT	WLOOP
	COMP	#ZERO
	JEQ	EXIT
	RSUB	
OUTPUT	BYTE	X'F4'
	END	FIRST