

BAŞLA	YÜK	A, <\$1000>	*LOAD*
	SOL	A	*SHIFT LEFT*
	VE	A, \$AA	*AND*
	YAZ	A, <\$1001>	*STORE*
	YÜK	A, <\$1000>	*LOAD*
	SAĞ	A	*SHIFT LEFT*
	VE	A, \$55	*AND*
	TOP	A, <\$1001>	*ADD*
	YAZ	A, <\$1001>	*STORE*
	KES		

BAŞLA	YÜK	AB, <\$1002>	*LOAD*
	TOP	AB, <\$1022>	*ADD*
	YAZ	AB, \$1010	*STORE - END ADDRESS OF THE NEW BLOCK*
	AKT	CD, AB	*TRANSFER*
	YÜK	SK, <\$1002>	*LOAD*
BACKWARD	KAR	SK, <\$1020>	*COMPARE - START OF THE INTERVAL*
	DEE	FORWARD	*BRANCH IF EQUAL*
	YÜK	A, <SK+0>	*LOAD*
	AZT	SK	*DECREMENT INDEX REGISTER*
	YAZ	A, <CD>	*STORE*
	AZT	CD	*DECREMENT*
	DAL	BACKWARD	*UNCONDITIONAL BRANCH*
FORWARD	YÜK	A, <SK+0>	*LOAD*
	YAZ	A, <CD>	*STORE*
	KES		*END*

BAŞLA	YÜK	C, \$00	*LOAD*
	YÜK	D, <\$3000>	
	AZT	D	*DECREMENT*
BACKWARD	YÜK	SK, \$1000	*LOAD*
	YÜK	B, <SK+CD+0>	
	YÜK	SK, \$1700	
	TOP	B, <SK+CD+0>	*ADD*
	DEK	NEGATIVE	*BRANCH IF LOWER*
	YÜK	A, \$00	*LOAD*
	DAL	FORWARD	*UNCONDITIONAL BRANCH*
NEGATIVE	YÜK	A, \$FF	*LOAD*
FORWARD	YÜK	SK, \$3700	
	SOL	D	*SHIFT LEFT*
	YAZ	AB, <SK+CD+0>	*STORE*
	SAĞ	D	*SHIFT RIGHT*
	AZT	D	*DECREMENT*
	KAR	D, \$00	*COMPARE*
	DBE	BACKWARD	*BRANCH IF GREATER OR EQUAL*
	KES		

BAŞLA	SİL	<\$1000>	*CLEAR*
	SİL	<\$1001>	
	SİL	<\$1002>	
	SİL	<\$1003>	
	SİL	<\$1005>	
	SİL	C	
	YÜK	SK, <\$2000>	*LOAD*
	YÜK	B, <SK+0>	
	YAZ	B, <\$1004>	*STORE*
BACKWARD	YÜK	B, <SK+0>	*LOAD*
	SIN	B, \$80	*TEST*
	DED	NEGATIVE	*BRANCH IF NOT EQUAL*
	SİL	A	*CLEAR*
	TOP	AB, <\$1000>	*ADD*
	YAZ	AB, <\$1000>	*STORE*
	DAL	COMPARE	*UNCONDITIONAL BRANCH*
NEGATIVE	YÜK	A, \$FF	*LOAD*
	TOP	AB, <\$1002>	*ADD*
	YAZ	AB, <\$1002>	*STORE*
COMPARE	YÜK	B, <SK+0>	*LOAD*
	KAR	B, <\$1004>	*COMPARE*
	DEK	FORWARD	*BRANCH IF LOWER*
	YAZ	B, <\$1004>	*STORE*
	YAZ	C, <\$1005>	
FORWARD	KAR	SK, <\$2002>	*COMPARE*
	DEE	END	*BRANCH IF EQUAL*
	ART	SK	*INCREMENT*
	ART	C	
	DAL	BACKARD	*UNCONDITIONAL BRANCH*
END	KES		

Step	PS	SK	\$1000	\$1001	\$1002	\$1003	T	S	N	E
0	-	-	\$48	\$7A	\$00	\$00	0	0	0	0
1	\$0010	\$1000	\$48	\$7A	\$00	\$00	0	0	0	0
2	\$0014	\$1001	\$48	\$7A	\$00	\$00	0	0	0	0
3	\$0018	\$1001	\$48	\$7A	\$00	\$00	0	0	0	0
4	\$001B	\$1001	\$48	\$7A	\$00	\$00	0	0	1	0
5	\$001D	\$1001	\$48	\$7A	\$00	\$00	0	0	1	0
6	\$001F	\$1001	\$48	\$7A	\$00	\$00	1	0	0	0
7	\$0021	\$1001	\$48	\$7A	\$00	\$00	1	0	0	0
8	\$0030	\$1001	\$48	\$7A	\$00	\$C2	0	0	1	0
9	\$0034	\$1001	\$48	\$7A	\$7A	\$C2	0	0	0	0
10	\$0038	\$1001	\$48	\$7A	\$7A	\$C2	0	0	0	0

- a. \$FF
b. 06 \$2C - \$25 - \$01 = \$06
c. <CD>
d. CEVRIM \$EE = -18, \$2B + \$EE + \$01 = \$1A

A	B	\$0040	\$1100	\$1101	\$1102	\$1103	\$1104	\$1105
-	-	\$00	\$AA	\$FF	\$AA	\$55	\$FF	\$62
-	\$00	-	-	-	-	-	-	-
\$46	-	-	-	-	-	-	-	-
-	-	-	\$46	-	-	-	-	-
-	\$01	-	-	-	-	-	-	-
\$55	-	-	-	-	-	-	-	-
-	-	-	-	\$55	-	-	-	-
-	\$02	-	-	-	-	-	-	-
\$82	-	-	-	-	-	-	-	-
-	-	-	-	-	\$82	-	-	-
-	\$03	-	-	-	-	-	-	-
\$A5	-	-	-	-	-	-	-	-
-	-	-	-	-	-	\$A5	-	-
-	\$04	-	-	-	-	-	-	-
\$FF	-	-	-	-	-	-	-	-
-	-	\$04	-	-	-	-	-	-
\$FF	\$04	\$04	\$46	\$55	\$82	\$A5	-	-

- means same as before

BAŞLA	YÜK	SK, \$1000	*LOAD*
	YÜK	CD, \$1100	*LOAD*
	SİL	B	*CLEAR*
LOOP	KAR	B, <\$0FFF>	*COMPARE*
	DEE	END	*BRANCH IF EQUAL*
	ART	B	*INCREMENT*
	YÜK	A, <SK+0>+1	*LOAD WITH INCREMENT*
	KAR	A, <\$0FFE>	*COMPARE*
	DİE	LOOP	*COMPARE IF LARGER OR EQUAL*
	YAZ	A, <CD>	*STORE*
	ART	D	*INCREMENT*
	DAL	LOOP	*UNCONDITIONAL BRANCH*
END	YAZ	D, <\$10FF>	*STORE*
	KES		