

<i>Label</i>	<i>Code</i>	<i>Operand</i>	<i>Comment</i>
DSUB:	LXI	D,MINU	;D AND E ADDRESS MINUEND
	LXI	H,SBTRA	;H AND L ADDRESS SUBTRA- ;HEND
	MVI	C,8	;EACH LOOP SUBTRACTS 2 ;DIGITS (ONE BYTE), ;THEREFORE PROGRAM WILL ;SUBTRACT 16 DIGITS.
	STC		;SET CARRY INDICATING ;NO BORROW
LOOP:	MVI	A,99H	;LOAD ACCUMULATOR ;WITH 99H.
	ACI	0	;ADD ZERO WITH CARRY
	SUB	M	;PRODUCE COMPLEMENT ;OF SUBTRAHEND
	XCHG		;SWITCH D AND E WITH ;H AND L
	ADD	M	;ADD MINUEND
	DAA		;DECIMAL ADJUST ;ACCUMULATOR
	MOV	M,A	;STORE RESULT
	XCHG		;RESWITCH D AND E ;WITH H AND L
	DCR	C	;DONE IF C = 0
	JZ	DONE	
	INX	D	;ADDRESS NEXT BYTE ;OF MINUEND
	INX	H	;ADDRESS NEXT BYTE ;OF SUBTRAHEND
	JMP	LOOP	;GET NEXT 2 DECIMAL DIGITS
DONE:	NOP		