Hex	Mnemonic	Hex	Mnemonic	Hex	Mnemonic	Hex
0	NOP	50	MOV D,B	9B	SBB E	E9
1	LXI B	51	MOV D,C	9C	SBB H	EA
2	STAX B	52	MOV D,D	9D	SBB L	EB
3	INX B	53	MOV D,E	9E	SBB M	EC
4	INR B	54	MOV D,H	9F	SBB A	EE
5	DCR B	55	MOV D,L	AO	ANA B	EF
6	MVI B	56	MOV D,M	A1	ANA C	FO
7	RLC	57	MOV D,A	A2	ANA D	F1
9	DAD B	58	MOV E,B	A3	ANA E	F2
OA	LDAX B	59	MOV E,C	A4	ANA H	F3
OB	DCX B	5A	MOV E,D	A5	ANA L	F4
OC	INR C	5B	MOV E,E	A6	ANA M	F5
OD	DCR C	5C	MOV E,H	A7	ANA A	F6
0E	MVI C	5D	MOV E,L	A8	XRA B	F7
OF	RRC	5E	MOV E,M	A9	XRA C	F8
11	LXI D	5F	MOV E,A	AA	XRA D	F9
12	STAX D	60	MOV H,B	AB	XRA E	FA
13	INX D	61	MOV H,C	AC	XRA H	FB
14	INR D	62	MOV H,D	AD	XRA L	FC
15	DCR D	63	MOV H,E	AE	XRA M	FE
16	MVI D	64	MOV H,H	AF	XRA A	FF
17	RAL	65	MOV H,L	ВО	ORA B	
19	DAD D	66	MOV H,M	B1	ORA C	
1A	LDAX D	67	MOV H,A	B2	ORA D	
1B	DCX D	68	MOV L,B	В3	ORA E	
1C	INR E	69	MOV L,C	B4	ORA H	
1D	DCR E	6A	MOV L,D	B5	ORA L	
1E	MVI E	6B	MOV L,E	В6	ORA M	
1F	RAR	6C	MOV L,H	В7	ORA A	
20	RIM	6D	MOV L,L	В8	CMP B	
21	LXI H	6E	MOV L,M	В9	CMP C	
22	SHLD	6F	MOV L,A	BA	CMP D	
23	INX H	70	MOV M,B	BB	CMP E	
24	INR H	71	MOV M,C	BC	CMP H	
25	DCR H	72	MOV M,D	BD	CMP L	
26	MVI H	73	MOV M,E	BE	CMP M	
27	DAA	74	MOV M,H	BF	CMP A	
29	DAD H	75	MOV M,L	CO	RNZ	
2A	LHLD	76	HLT	C1	POP B	
2B	DCX H	77	MOV M,A	C2	JNZ	
2C	INR L	78	MOV A,B	C3	JMP	
2D	DCR L	79	MOV A,C	C4	CNZ	
2E	MVI L	7A	MOV A,D	C5	PUSH B	
2F	CMA	7B	MOV A,E	C6	ADI	
30	SIM	7C	MOV A,H	C7	RST 0	
31	LXI SP	7D	MOV A,L	C8	RZ	
32	STA	7E	MOV A,M	C9	RET	<u> </u>

34				1	1	1 1
35	33	INX SP	7F	MOA A,A	CA	JZ
36	34	INR M	80	ADD B	CC	CZ
37         STC         83         ADD E         CF         RST 1           39         DAD SP         84         ADD H         DO         RNC           3A         LDA         85         ADD L         D1         POP D           3B         DCX SP         86         ADD M         D2         JNC           3C         INR A         87         ADD A         D3         OUT           3D         DCR A         88         ADC B         D4         CNC           3E         MVI A         89         ADC C         D5         PUSH D           3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,H         8F         ADC A         DC         CC           45         MOV B,A         91         SUB C         DF         RST 3<	35	DCR M	81	ADD C	CD	CALL
39	36	MVI M	82	ADD D	CE	ACI
3A         LDA         85         ADD L         D1         POP D           3B         DCX SP         86         ADD M         D2         JNC           3C         INR A         87         ADD A         D3         OUT           3D         DCR A         88         ADC B         D4         CNC           3E         MVI A         89         ADC C         D5         PUSH D           3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,H         8F         ADC A         DC         CC           45         MOV B,L         90         SUB B         DE         SBI           46         MOV B,A         92         SUB D         EO         RPO           48         MOV C,B         93         SUB E         E1         POP	37	STC	83	ADD E	CF	RST 1
3B         DCX SP         86         ADD M         D2         JNC           3C         INR A         87         ADD A         D3         OUT           3D         DCR A         88         ADC B         D4         CNC           3E         MVI A         89         ADC C         D5         PUSH D           3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,H         8F         ADC A         DC         CC           45         MOV B,L         90         SUB B         DE         SBI           46         MOV B,M         91         SUB C         DF         RST 3           47         MOV B,A         92         SUB D         EO         RPO           48         MOV C,B         93         SUB E         E1 <td< td=""><td>39</td><td>DAD SP</td><td>84</td><td>ADD H</td><td>DO</td><td>RNC</td></td<>	39	DAD SP	84	ADD H	DO	RNC
3C   INR A   87   ADD A   D3   OUT	ЗА	LDA	85	ADD L	D1	POP D
3D         DCR A         88         ADC B         D4         CNC           3E         MVI A         89         ADC C         D5         PUSH D           3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,E         8E         ADC A         DC         CC           45         MOV B,H         8F         ADC A         DC         CC           45         MOV B,M         91         SUB C         DF         RST 3           47         MOV B,A         92         SUB D         EO         RPO           48         MOV C,B         93         SUB E         E1         POP H           49         MOV C,C         94         SUB H         E2         JPO           4A         MOV C,E         96         SUB M         E4	3B	DCX SP	86	ADD M	D2	JNC
3E         MVI A         89         ADC C         D5         PUSH D           3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,H         8F         ADC A         DC         CC           45         MOV B,L         90         SUB B         DE         SBI           46         MOV B,M         91         SUB C         DF         RST 3           47         MOV B,A         92         SUB D         EO         RPO           48         MOV C,B         93         SUB E         E1         POP H           49         MOV C,C         94         SUB H         E2         JPO           4A         MOV C,D         95         SUB M         E4         CPO           4C         MOV C,H         97         SUB A         E5	3C	INR A	87	ADD A	D3	OUT
3F         CMC         8A         ADC D         D6         SUI           40         MOV B,B         8B         ADC E         D7         RST 2           41         MOV B,C         8C         ADC H         D8         RC           42         MOV B,D         8D         ADC L         DA         JC           43         MOV B,E         8E         ADC M         DB         IN           44         MOV B,H         8F         ADC A         DC         CC           45         MOV B,L         90         SUB B         DE         SBI           46         MOV B,M         91         SUB C         DF         RST 3           47         MOV B,A         92         SUB D         E0         RPO           48         MOV C,B         93         SUB E         E1         POP H           49         MOV C,C         94         SUB H         E2         JPO           4A         MOV C,D         95         SUB L         E3         XTHL           4B         MOV C,E         96         SUB M         E4         CPO           4C         MOV C,H         97         SUB A         E5	3D	DCR A	88	ADC B	D4	CNC
40       MOV B,B       8B       ADC E       D7       RST 2         41       MOV B,C       8C       ADC H       D8       RC         42       MOV B,D       8D       ADC L       DA       JC         43       MOV B,E       8E       ADC M       DB       IN         44       MOV B,H       8F       ADC A       DC       CC         45       MOV B,H       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	3E	MVI A	89	ADC C	D5	PUSH D
41       MOV B,C       8C       ADC H       D8       RC         42       MOV B,D       8D       ADC L       DA       JC         43       MOV B,E       8E       ADC M       DB       IN         44       MOV B,H       8F       ADC A       DC       CC         45       MOV B,L       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	3F	CMC	8A	ADC D	D6	SUI
42       MOV B,D       8D       ADC L       DA       JC         43       MOV B,E       8E       ADC M       DB       IN         44       MOV B,H       8F       ADC A       DC       CC         45       MOV B,L       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	40	MOV B,B	8B	ADC E	D7	RST 2
43       MOV B,E       8E       ADC M       DB       IN         44       MOV B,H       8F       ADC A       DC       CC         45       MOV B,L       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	41	MOV B,C	8C	ADC H	D8	RC
44       MOV B,H       8F       ADC A       DC       CC         45       MOV B,L       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	42	MOV B,D	8D	ADC L	DA	JC
45       MOV B,L       90       SUB B       DE       SBI         46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	43	MOV B,E	8E	ADC M	DB	IN
46       MOV B,M       91       SUB C       DF       RST 3         47       MOV B,A       92       SUB D       EO       RPO         48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	44	MOV B,H	8F	ADC A	DC	cc
47       MOV B, A       92       SUB D       EO       RPO         48       MOV C, B       93       SUB E       E1       POP H         49       MOV C, C       94       SUB H       E2       JPO         4A       MOV C, D       95       SUB L       E3       XTHL         4B       MOV C, E       96       SUB M       E4       CPO         4C       MOV C, H       97       SUB A       E5       PUSH H         4D       MOV C, L       98       SBB B       E6       ANI	45	MOV B,L	90	SUB B	DE	SBI
48       MOV C,B       93       SUB E       E1       POP H         49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	46	MOV B,M	91	SUB C	DF	RST 3
49       MOV C,C       94       SUB H       E2       JPO         4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	47	MOV B,A	92	SUB D	EO	RPO
4A       MOV C,D       95       SUB L       E3       XTHL         4B       MOV C,E       96       SUB M       E4       CPO         4C       MOV C,H       97       SUB A       E5       PUSH H         4D       MOV C,L       98       SBB B       E6       ANI	48	MOV C,B	93	SUB E	E1	РОР Н
4B         MOV C,E         96         SUB M         E4         CPO           4C         MOV C,H         97         SUB A         E5         PUSH H           4D         MOV C,L         98         SBB B         E6         ANI	49	MOV C,C	94	SUB H	E2	JP0
4C         MOV C,H         97         SUB A         E5         PUSH H           4D         MOV C,L         98         SBB B         E6         ANI	4A	MOV C,D	95	SUB L	E3	XTHL
4D MOV C,L 98 SBB B E6 ANI	4B	MOV C,E	96	SUB M	E4	CP0
	4C	MOV C,H	97	SUB A	E5	PUSH H
AE MOV.C.M. OO CDD.C. E7 DCT.4	4D	MOV C,L	98	SBB B	E6	ANI
	4E	MOV C,M	99	SBB C	E7	RST 4
4F MOV C,A 9A SBB D E8 RPE	4F	MOV C,A	9A	SBB D	E8	RPE

Mnemonic
PCHL
JPE
XCHG
CPE
XRI
RST 5
RP
POP PSW
JP
DI
СР
PUSH PSW
ORI
RST 6
RM
SPHL
JM
EI
СМ
CPI
RST 7