op-table

x	_0	_1	_2	_3	_4	_5	_6	_7	_8	_9	_A	_B	_C	_D	_E	_F
0_	NOP	AJMP 0xx	LJMP addr16	RR A	INC A	INC dir	INC @R0	INC @R1	INC R0	INC R1	INC R2	INC R3	INC R4	INC R5	INC R6	INC R7
1_	JBC bit,rela	ACALL 0xx	LCALL addr16	RRC A	DEC A	DEC dir	DEC @R0	DEC @R1	DEC R0	DEC R1	DEC R2	DEC R3	DEC R4	DEC R5	DEC R6	DEC R7
2_	JB bit,rela	AJMP 1xx	RET	RL A	ADD A,#imm8	ADD A,dir	ADD A,@R0	ADD A,@R1	ADD A,R0	ADD A,R1	ADD A,R2	ADD A,R3	ADD A,R4	ADD A,R5	ADD A,R6	ADD A,R7
3_	JNB bit,rela	ACALL 1xx	RETI	RLC A	ADDC A,#imm8	ADDC A,dir	ADDC A,@R0	ADDC A,@R1	ADDC A,R0	ADDC A,R1	ADDC A,R2	ADDC A,R3	ADDC A,R4	ADDC A,R5	ADDC A,R6	ADDC A,R7
4_	JC rela	AJMP 2xx	ORL A,dir	ORL dir,#imm8	ORL A,#imm8	ORL A,dir	ORL A,@R0	ORL A,@R1	ORL A,R0	ORL A,R1	ORL A,R2	ORL A,R3	ORL A,R4	ORL A,R5	ORL A,R6	ORL A,R7
5_	JNC rela	ACALL 2xx	ANL dir,A	ANL dir,#imm8	ANL A,#imm8	ANL A,dir	ANL A,@R0	ANL A,@R1	ANL A,R0	ANL A,R1	ANL A,R2	ANL A,R3	ANL A,R4	ANL A,R5	ANL A,R6	ANL A,R7
6_	JZ rela	AJMP 3xx	XRL dir,A	XRL dir,#imm8	XRL A,#imm8	XRL A,dir	XRL A,@R0	XRL A,@R1	XRL A,R0	XRL A,R1	XRL A,R2	XRL A,R3	XRL A,R4	XRL A,R5	XRL A,R6	XRL A,R7
7_	JNZ rela	ACALL 3xx	ORL C,bit	JMP @A+DPTR	MOV A,#imm8	MOV dir,#imm8	MOV @R0,#imm8	MOV @R1,#imm8	MOV R0,#imm8	MOV R1,#imm8	MOV R2,#imm8	MOV R3,#imm8	MOV R4,#imm8	MOV R5,#imm8	MOV R6,#imm8	MOV R7,#imm8
8_	SJMP rela	AJMP 4xx	ANL C,bit	MOVC A,@A+PC	DIV AB	MOV dir,dir	MOV @R0,dir	MOV @R1,dir	MOV dir,R0	MOV dir,R1	MOV dir,R2	MOV dir,R3	MOV dir,R4	MOV dir,R5	MOV dir,R6	MOV dir,R7
9_	MOV DPTR,#imm16	ACALL 4xx	MOV bit,C	MOVC A,@A+DPTR	SUBB A,#imm8	SUBB A,dir	SUBB A,@R0	SUBB A,@R1	SUBB A,R0	SUBB A,R1	SUBB A,R2	SUBB A,R3	SUBB A,R4	SUBB A,R5	SUBB A,R6	SUBB A,R7
A_	ORL C,/bit	AJMP 5xx	MOV C,bit	INC DPTR	MUL AB	_A5_	MOV @R0,dir	MOV @R1,dir	MOV R0,dir	MOV R1,dir	MOV R2,dir	MOV R3,dir	MOV R4,dir	MOV R5,dir	MOV R6,dir	MOV R7,dir
B_	ANL C,/bit	ACALL 5xx	CPL bit	CPL C	CJNE A,#imm8,rela	CJNE A,dir,rela	CJNE @R0,#imm8,rela	CJNE @R1,#imm8,rela	CJNE R0,#imm8,rela	CJNE R1,#imm8,rela	CJNE R2,#imm8,rela	CJNE R3,#imm8,rela	CJNE R4,#imm8,rela	CJNE R5,#imm8,rela	CJNE R6,#imm8,rela	CJNE R7,#imm8,rela
C_	PUSH dir	AJMP 6xx	CLR bit	CLR C	SWAP A	XCH A,dir	XCH A,@R0	XCH A,@R1	XCH A,R0	XCH A,R1	XCH A,R2	XCH A,R3	XCH A,R4	XCH A,R5	XCH A,R6	XCH A,R7
D_	POP dir	ACALL 6xx	SETB bit	SETB C	DA A	DJNZ dir,rela	XCHD A,@R0	XCHD A,@R1	DJNZ R0,rela	DJNZ R1,rela	DJNZ R2,rela	DJNZ R3,rela	DJNZ R4,rela	DJNZ R5,rela	DJNZ R6,rela	DJNZ R7,rela
E_	MOVX A,@DPTR	AJMP 7xx	MOVX A,@R0	MOVX A,@R1	CLR A	MOV A,dir	MOV A,@R0	MOV A,@R1	MOV A,R0	MOV A,R1	MOV A,R2	MOV A,R3	MOV A,R4	MOV A,R5	MOV A,R6	MOV A,R7
F_	MOVX @DPTR,A	ACALL 7xx	MOVX @R0,A	MOVX @R1,A	CPL A	MOV dir,A	MOV @R0,A	MOV @R1,A	MOV R0,A	MOV R1,A	MOV R2,A	MOV R3,A	MOV R4,A	MOV R5,A	MOV R6,A	MOV R7,A