STR Rs, addr 00000 SSS AAAA AAAA AAAA AAAA mem[addr] = Rs A - Address STR Rs, [HL] 00001 SSS mem[HL] = Rs CCC - Condition STR Rs, addr+B 00010 SSS AAAA AAAA AAAA AAAA STR Rs, [HL]+B 00011 SSS mem[addr+B] = Rs DDD - Destinati STR Rs, [HL]+B 00011 SSS mem[HL+B] = Rs I - Immediate LOD Rd, addr 00100 DDD AAAA AAAA AAAA AAAA Rd = mem[addr] SSS - Source re LOD Rd, [HL] 00101 DDD Rd = mem[HL] X - Ignored	
STR Rs, addr+B 00010 SSS AAAA AAAA AAAA AAAA mem[addr+B] = Rs DDD - Destinati STR Rs, [HL]+B 00011 SSS mem[HL+B] = Rs I - Immediate LOD Rd, addr 00100 DDD AAAA AAAA AAAA AAAA Rd = mem[addr] SSS - Source re	
STR Rs, [HL]+B 00011 SSS mem[HL+B] = Rs I - Immediate LOD Rd, addr 00100 DDD AAAA AAAA AAAA AAAA Rd = mem[addr] SSS - Source re	
LOD Rd, addr 00100 DDD AAAA AAAA AAAA Rd = mem[addr] SSS - Source re	on register
LOD Rd, addr 00100 DDD AAAA AAAA AAAA Rd = mem[addr] SSS - Source re	-
LOD Rd, [HL] 00101 DDD	gister
	_
LOD Rd, addr+B 00110 DDD AAAA AAAA AAAA Rd = mem[HL+B]	
LOD Rd, [HL]+B 00111 DDD Rd = mem[HL+B]	
PUSH Rs	
POP RD 01001 DDD Rd = ram[SP], SP	
JMP addr 0101L CCC AAAA AAAA AAAA IF (C) PC = addr	
JMP [HL] 0110L CCC IF (C) PC = HL	
INT id 0111 CCC 0 IIII IIII IF (C) PUSH PC, FLAGS, JMP INTVEC	
IRET 0111 CCC 1 IF (C) POP FLAGS, PC	
CALL addr 1000 CCC 0 AAAA AAAA AAAA IF (C) PUSH PC+3, JMP addr	
CALL [HL] 1000 CCC 1 IF (C) PUSH PC+3, JMP HL	
RET 10010 CCC IF (C) POP PC	
ADD Rd, Rs, Rs	
ADC Rd, Rs, Rs	
SUB Rd, Rs, Rs	
SBB Rd, Rs, Rs	
AND Rd, Rs, Rs	
NOR Rd, Rs, Rs	
XOR Rd, Rs, Rs	
NEG Rd 10100 DDD XXX 000 11 Rd = -Rd	
SHL Rd, Amnt 10100 DDD AAA 001 11 Rd <<= A	
SHR Rd, Amnt 10100 DDD AAA 010 11 Rd >>= A	
ROL Rd, Amnt 10100 DDD AAA 011 11	
ROR Rd, Amnt 10100 DDD AAA 100 11	
SAL Rd, Amnt 10100 DDD AAA 101 11 signed Rd <<= A	
SAR Rd, Amnt 10100 DDD AAA 110 11 signed Rd >>= A	
ABS Rd 10100 DDD XXX 111 11 Rd = Abs(Rd)	
ADI Rd, Rd + Imm8 10101 DDD IIII IIII Rd += Imm8	
LDI Rd, Imm8 10110 DDD IIII IIII Rd = Imm8	
SBI Rd, Rd + Imm8 10111 DDD IIII IIII Rd -= Imm8	
INC Rd 11000 DDD Rd++	
DEC Rd 11001 DDD Rd	
WFI 11010 CCC while (IRQ NMI) {sleep}	
MUL Rs, Rs 11011 CCC SSS SSS 00 if (C) HL = Rs * Rs	
IMUL Rs, Rs 11011 CCC SSS SSS 01 if (C) HL = Rs * Rs // signed	
DIV Rs, Rs	
IDIV Rs, Rs 11011 CCC SSS SSS 11 if (C) Hi = Rs / Rs; Lo = Rs % Rs // signed	
MLI Rs, Imm8 11100 SSS IIII IIII HL = Rs * imm8	
IMLI Rs, Imm8	
DVI Rs, Imm8	
IDVI Rs, Imm8	001 - B etc
Halt 11111111 else if (SSS == 7) quit() 110 - L; 111 -	not idvi, HALT