VIRTUAL16 Instruction Set Table											
HI/LO	0	1	2	3	4	5	6	7			
0	RET	RTS	CLC	SEC	MOV Rs, Rd	MOV @Rs, Rd	MOV Rs, @Rd	MOV +@Rs, Rd			
10	XOR Rd, Rs	ADD Rd, Rs	ADC Rd, Rs	SUB Rd, Rs	SBC Rd, Rs	SMUL Rd, Rs	UMUL Rd, Rs	CMP Rd, Rs			
20	RRC Rd, #COUNT	JMPR Rd	JSR ADDR	NJSR ADDR	JMP ADDR	BCC OFFSET	BCS OFFSET	BRA OFFSET			
30	PUSH R0	PUSH R1	PUSH R2	PUSH R3	PUSH R4	PUSH R5	PUSH R6	PUSH R7			
40	POP R0	POP R1	POP R2	POP R3	POP R4	POP R5	POP R6	POP R7			
50	MOV #VAL, R0.L	MOV #VAL, R1.L	MOV #VAL, R2.L	MOV #VAL, R3.L	MOV #VAL, R4.L	MOV #VAL, R5.L	MOV #VAL, R6.L	MOV #VAL, R7.L			
60	MOV #VAL, R0.H	MOV #VAL, R1.H	MOV #VAL, R2.H	MOV #VAL, R3.H	MOV #VAL, R4.H	MOV #VAL, R5.H	MOV #VAL, R6.H	MOV #VAL, R7.H			
70	MOV #VAL, R0	MOV #VAL, R1	MOV #VAL, R2	MOV #VAL, R3	MOV #VAL, R4	MOV #VAL, R5	MOV #VAL, R6	MOV #VAL, R7			
80	MOV ADDR, R0	MOV ADDR, R1	MOV ADDR, R2	MOV ADDR, R3	MOV ADDR, R4	MOV ADDR, R5	MOV ADDR, R6	MOV ADDR, R7			
90	MOV R0, ADDR	MOV R1, ADDR	MOV R2, ADDR	MOV R3, ADDR	MOV R4, ADDR	MOV R5, ADDR	MOV R6, ADDR	MOV R7, ADDR			
A0	BNM1 R0, OFFSET	BNM1 R1, OFFSET	BNM1 R2, OFFSET	BNM1 R3, OFFSET	BNM1 R4, OFFSET	BNM1 R5, OFFSET	BNM1 R6, OFFSET	BNM1 R7, OFFSET			
В0	BM1 R0, OFFSET	BM1 R1, OFFSET	BM1 R2, OFFSET	BM1 R3, OFFSET	BM1 R4, OFFSET	BM1 R5, OFFSET	BM1 R6, OFFSET	BM1 R7, OFFSET			
C0	BMI R0, OFFSET	BMI R1, OFFSET	BMI R2, OFFSET	BMI R3, OFFSET	BMI R4, OFFSET	BMI R5, OFFSET	BMI R6, OFFSET	BMI R7, OFFSET			
D0	BPL R0, OFFSET	BPL R1, OFFSET	BPL R2, OFFSET	BPL R3, OFFSET	BPL R4, OFFSET	BPL R5, OFFSET	BPL R6, OFFSET	BPL R7, OFFSET			
E0	BNE R0, OFFSET	BNE R1, OFFSET	BNE R2, OFFSET	BNE R3, OFFSET	BNE R4, OFFSET	BNE R5, OFFSET	BNE R6, OFFSET	BNE R7, OFFSET			
F0	BEQ R0, OFFSET	BEQ R1, OFFSET	BEQ R2, OFFSET	BEQ R3, OFFSET	BEQ R4, OFFSET	BEQ R5, OFFSET	BEQ R6, OFFSET	BEQ R7, OFFSET			

VIRTUAL16 Instruction Set Table											
HI/LO	8	9	А	В	С	D	E	F			
0	MOV Rs, +@Rd	MOV Rs.H, Rd.H	MOV Rs.H, Rd.L	MOV Rs.L, Rd.H	MOV Rs.L, Rd.L	SWAP Rs, Rd	AND Rd, Rs	OR Rd, Rs			
10	INC Rd, #COUNT	DEC Rd, #COUNT	ASR Rd, #COUNT	LSL Rd, #COUNT	LSR Rd, #COUNT	ROL Rd, #COUNT	RLC Rd, #COUNT	ROR Rd, #COUNT			
20	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP			
30	PUSH R8	PUSH R9	PUSH R10	PUSH R11	PUSH R12	PUSH R13	PUSH R14	PUSH R15			
40	POP R8	POP R9	POP R10	POP R11	POP R12	POP R13	POP R14	POP R15			
50	MOV #VAL, R8.L	MOV #VAL, R9.L	MOV #VAL, R10.L	MOV #VAL, R11.L	MOV #VAL, R12.L	MOV #VAL, R13.L	MOV #VAL, R14.L	MOV #VAL, R15.L			
60	MOV #VAL, R8.H	MOV #VAL, R9.H	MOV #VAL, R10.H	MOV #VAL, R11.H	MOV #VAL, R12.H	MOV #VAL, R13.H	MOV #VAL, R14.H	MOV #VAL, R15.H			
70	MOV #VAL, R8	MOV #VAL, R9	MOV #VAL, R10	MOV #VAL, R11	MOV #VAL, R12	MOV #VAL, R13	MOV #VAL, R14	MOV #VAL, R15			
80	MOV ADDR, R8	MOV ADDR, R9	MOV ADDR, R10	MOV ADDR, R11	MOV ADDR, R12	MOV ADDR, R13	MOV ADDR, R14	MOV ADDR, R15			
90	MOV R8, ADDR	MOV R9, ADDR	MOV R10, ADDR	MOV R11, ADDR	MOV R12, ADDR	MOV R13, ADDR	MOV R14, ADDR	MOV R15, ADDR			
A0	BNM1 R8, OFFSET	BNM1 R9, OFFSET	BNM1 R10, OFFSET	BNM1 R11, OFFSET	BNM1 R12, OFFSET	BNM1 R13, OFFSET	BNM1 R14, OFFSET	BNM1 R15, OFFSET			
В0	BM1 R8, OFFSET	BM1 R9, OFFSET	BM1 R10, OFFSET	BM1 R11, OFFSET	BM1 R12, OFFSET	BM1 R13, OFFSET	BM1 R14, OFFSET	BM1 R15, OFFSET			
C0	BMI R8, OFFSET	BMI R9, OFFSET	BMI R10, OFFSET	BMI R11, OFFSET	BMI R12, OFFSET	BMI R13, OFFSET	BMI R14, OFFSET	BMI R15, OFFSET			
D0	BPL R8, OFFSET	BPL R9, OFFSET	BPL R10, OFFSET	BPL R11, OFFSET	BPL R12, OFFSET	BPL R13, OFFSET	BPL R14, OFFSET	BPL R15, OFFSET			
E0	BNE R8, OFFSET	BNE R9, OFFSET	BNE R10, OFFSET	BNE R11, OFFSET	BNE R12, OFFSET	BNE R13, OFFSET	BNE R14, OFFSET	BNE R15, OFFSET			
F0	BEQ R8, OFFSET	BEQ R9, OFFSET	BEQ R10, OFFSET	BEQ R11, OFFSET	BEQ R12, OFFSET	BEQ R13, OFFSET	BEQ R14, OFFSET	BEQ R15, OFFSET			