OPCODE		0	-	1	-	
1/1000	1		(		1)	-
			0	U		1

	UUUUU	
0	00000	NOP
1	00001	AND RZ RX RY
2	00010	OR Rz ← Rx Ry
3	00011	EXOR $R_z \leftarrow R_x \oplus R_y$
4	00100	$ADD$ $R_z \leftarrow R_x + R_y$
5	00101	ANDI Rz - Rx & Immdata
6	00110	ORI Rz   — Rx I Immdata
7	00111	EXORI Rz
8	01000	ADDI $Rz \leftarrow Rx + Immdata$
9	01001	$MOV R_2 \leftarrow R_x + O$
10	01010	MOVI Rz - 0 + Immdata
11	01011	LOAD RZ - M[Address]
12	01100	STORE M[Address] - Rx +0
13	01101	JMP Jump to Code Address
14	01110	JMPZ Jump if z=1
15	01111	JMPNZ Jump if z=0  JMPC Jump if c=1
16	10000	JMPC Jump if c=1
17	10001	JMPNC Jump if C=0
18	10010	PUSH Stack - Rx +0
19	10011	POP Ry Stack
20	10100	IN Rz - Port[Address]
21	10101	OUT Port[Address] = Rx+0
22	10110	LOAD Indirect Rz
23	10111	STORE Indirect M[Rz] - Ry + 0
24	11000	SUB RZ - Rx - Ry
25	11001	Shift RIGHT RZ    Rx >>> Ry
26	11010	Shift LEFT RZ
27	11011	JUMPZ PC Relative Jump to (PC+offset)
28	11100	JUMPNZ PC Relative Jump to (PC+Offset)