

































18



Opcode	Operation	Meaning
0000	LOAD X	CON(X)> R
0001	STORE X	R> CON(X)
0010	CLEAR X	0> CON(X)
0011	ADD X	R + CON(X)> R
0100	INCREMENT X	CON(X) + 1> CON(X)
0101	SUBTRACT X	R - CON(X)> R
0101	DECREMENT X	CON(X) - 1> CON(X)
	COMPARE X	If CON(X) > R then GT = 1 else 0
0111		If CON(X) = R then EQ = 1 else 0
		If CON(X) < R then LT = 1 else 0
1000	JUMP X	Get next instruction from memory location X
1001 	JUMPGT X	Get next instruction from memory loc. X if GT=1
	JUMPxx X	xx = LT / EQ / NEQ
1101	IN X	Input an integer value and store in X
1110	OUT X	Output, in decimal notation, content of mem. loc. X
1111	HALT	Stop program execution