Wally

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Expanded Notation	Shorthand Notation	Operation	Additional Information
O	01	Add	
OO	02	Subtract	
OOO	03	Multiply	
OOOO	04	Divide	
OOOOO	05	Exclusive OR	
OOOOOO	06	Get Input	
OOOOOOO	07	Output Top Value	
OOOOOOOO	08	Start Loop	Jumps to matching 09 if top == 0
OOOOOOOOO	09	End Loop	Jumps to matching 08 always
OOOOOOOOOO	010	Pop	Removes value on top
OOOOOOOOOOO	011	Push 1	Pushes 1 to top
OOOOOOOOOOOO	012	Print Char	Prints top as 16-bit Character
OOOOOOOOOOOOO	013	Store Top Value	Pops top value in the accumulator
OOOOOOOOOOOOOO	014	Retrieve Stored Value	Pushes value stored in the accumulator
OOOOOOOOOOOOOOO	015	Swap Top Two Values	
OOOOOOOOOOOOOOOO	016	Print Stack	Prints all stack values in order
OOOOOOOOOOOOOOOOO	017	Print new line feed	
OOOOOOOs00000000000	018	Multiply top by 10	
OOOOOOOOOOOOOOOOOOO	019	Modulus/Remainder	
OOOOOOOOOOOOOOOOOOOO	020	Equality Check	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOO	021	>	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOOO	022	<	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOOOO	023	≥	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOOOOO	024	≤	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOOOOOO	025	≠	Pushes 1 if true, else pushes 0
OOOOOOOOOOOOOOOOOOOOOOOOOO	026	Random	Gets random value in range [min,max]