

[illegible]

	Instruction	Example	1st Byte	2nd Byte	3rd Byte	4th Byte	...
... And Presto!							
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Programming / Using the Replit program							
Each instruction in your program will use 4 byte of data in the ROM.							
The first byte you type will be the opcode. The second byte you type will be its first argument. The third byte you type will be its second argument. The fourth byte you type will be the address that the result is sent to.							
When you see an "_" in an instruction's example, it means that that byte is inherently empty. To add these bytes, you should fill it in with the hex number "20".							
Here is an example of what an instruction might look like: <code>addj r0 24 r1 --> 64 0 24 1 --> 40001B01</code> ! this means bitwise OR the two values (0 OR 64 = 64)							
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Converting the binary instructions to hex to form instructions is hella tedious, huh? That's why I've created a python program so you don't have to! Find it here at this link: placeholder							