0.MOV

1.XOR

2.ADD

3.SUB

4.SHL

5.SHR

6.NOT

7.OR

8.JZ

9.JS

10.jmp

11. WRITE

12.READ

13.CMP

14.JL

15. OUT

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|  | OP |  |  |  | REG1 |  | Is im |  | REG2 |  |  |  |  |  |  |

Maybe create a read instruction instead of the shifts

FIX JUMPS!!!!!!