|  |  |
| --- | --- |
| INSTRUÇÃO | OPERAÇÃO |
| add $d, $s, $t | $d = $s + $t |
| sub $d, $s, $t | $d = $s - $t |
| lw $t, i($s) | $t = MEM [$s + i]:4 |
| sw $t, i($s) | MEM [$s + i]:4 = $t |
| beq $s, $t, label | if ($s == $t) pc += i << 2 |
| j label | pc += i << 2 |
| li $s, num | li $s = num |
| $s $t1 mod $t2 | $s = $t1%$t2 |
| mult $s, $t | hi:lo = $s \* $t |
|  |  |
|  |  |
|  |  |
|  |  |

Op Code:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| add | 0001 | 00 | 00 | |
| sub | 0010 | 00 | 00 | |
| lw | 0011 | 000 | 000 | |
| sw | 0100 | 00 | 000 | |
| eq | 0101 | 00 | 00 | |
| j | 0110 | 0000 | | |
| beq | 1000 | 0000 | | |
| li | 1001 | 0 | 000 | |
| mod | 1010 | 00 | | 00 |