|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **地址** | **汇编程序** | **指令代码** | | | | | |
| **op（6）** | **rs(5)** | **rt(5)** | **rd(5)/immediate (16)** | **16进制数代码** | |
| **0x00000000** | addi $1,$0,8 | **000001** | **00000** | **00001** | **0000 0000 0000 1000** | **=** | 04010008 |
| **0x00000004** | ori $2,$0,2 | 010000 | 00000 | 00010 | 0000 0000 0000 0010 | **=** | 40020002 |
| **0x00000008** | add $3,$2,$1 | 000000 | 00010 | 00001 | 0001 1000 0000 0000 | **=** | 00410C00 |
| **0x0000000C** | sub $5,$3,$2 | 000010 | 00011 | 00010 | 0010 1000 0000 0000 | **=** | 08622800 |
| **0x00000010** | and $4,$5,$2 | 010001 | 00101 | 00010 | 0010 0000 0000 0000 | **=** | 44A22000 |
| **0x00000014** | or $8,$4,$2 | 010010 | 00100 | 00010 | 0100 0000 0000 0000 | **=** | 48824000 |
| **0x00000018** | sll $8,$8,1 | 011000 | 00000 | 01000 | 0100 0000 0100 0000 | **=** | 60084040 |
| **0x0000001C** | bne $8,$1,-2 (≠,转18) | 110001 | 01000 | 00001 | 1111 1111 1111 1110 | **=** | C501FFFE |
| **0x00000020** | slti $6,$2,8 | 011011 | 00010 | 00110 | 0000 0000 0000 1000 | **=** | 6C460008 |
| **0x00000024** | slti $7,$6,0 | 011011 | 00110 | 00111 | 0000 0000 0000 0000 | **=** | 6CC70000 |
| **0x00000028** | addi $7,$7,8 | 000001 | 00111 | 00111 | 0000 0000 0000 1000 | **=** | 04E70008 |
| **0x0000002C** | beq $7,$1,-2 (=,转28) | 110000 | 00111 | 00001 | 1111 1111 1111 1110 | **=** | C0E1FFFE |
| **0x00000030** | sw $2,4($1) | 100110 | 00001 | 00010 | 0000 0000 0000 0100 | **=** | 98220004 |
| **0x00000034** | lw $9,4($1) | 100111 | 00001 | 01001 | 0000 0000 0000 0100 | **=** | 9C290004 |
| **0x00000038** | **j 0x00000040** | 111000 | 00000 | 00000 | 0000 0000 0001 0000 | **=** | E0000040 |
| **0x0000003C** | addi $10,$0,10 | 000001 | 00000 | 01010 | 0000 0000 0000 1010 | **=** | 040A000A |
| **0x00000040** | **halt** | 111111 | 00000 | 00000 | 0000000000000000 | **=** | FC000000 |
| **0x00000044** |  |  |  |  |  |  |  |
| **0x00000048** |  |  |  |  |  |  |  |
| **0x0000004C** |  |  |  |  |  |  |  |