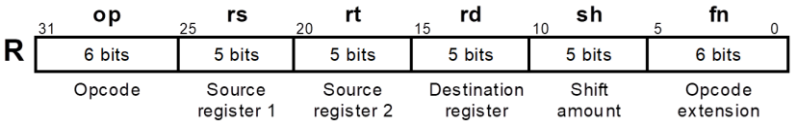
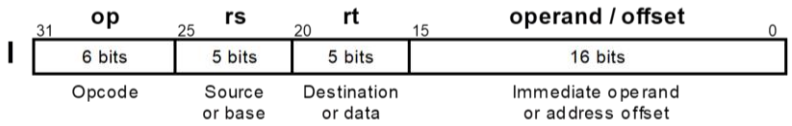
# Listagem e Formato das instruções a serem suportadas pelo Simulador MIPS

**:: Instruções do Tipo R**



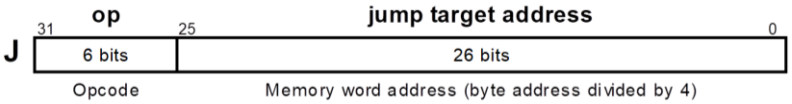

| | | |
|---|---|---|
| add $1, $2, $3 | mflo $1 | srl $1, $2, 10 |
| sub $1, $2, $3 | addu $1, $2, $3 | sra $1, $2, 10 |
| slt $1, $2, $3 | subu $1, $2, $3 | sllv $1, $2, $3 |
| and $1, $2, $3 | mult $1, $2 | srlv $1, $2, $3 |
| or $1, $2, $3 | multu $1, $2 | srav $1, $2, $3 |
| xor $1, $2, $3 | div $1, $2 | jr $1 |
| nor $1, $2, $3 | divu $1, $2 | |
| mfhi $1 | sll $1, $2, 10 | |

**:: Instruções do Tipo I**




| | | |
|---|---|---|
| lui $1, 100 | xori $1, $2, 100 | bne $1, $2, start |
| addi $1, $2, 100 | lw $1, 100($2) | addiu $1, $2, 100 |
| slti $1, $2, 100 | sw $1, 100($2) | lb $1, 100($2) |
| andi $1, $2, 100 | bltz $1, start | lbu $1, 100($2) |
| ori $1, $2, 100 | beq $1, $2, start | sb $1, 100($2) |

**:: Instruções do Tipo J**




j start

jal start

**:: Instrução de chamada de sistema (apenas o opcode)**

syscall