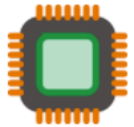


CS305: Computer Architecture

Addressing Modes (ways of finding an operand)

https://www.cse.iitb.ac.in/~biswa/courses/CS305/main.html

https://www.cse.iitb.ac.in/~biswa/

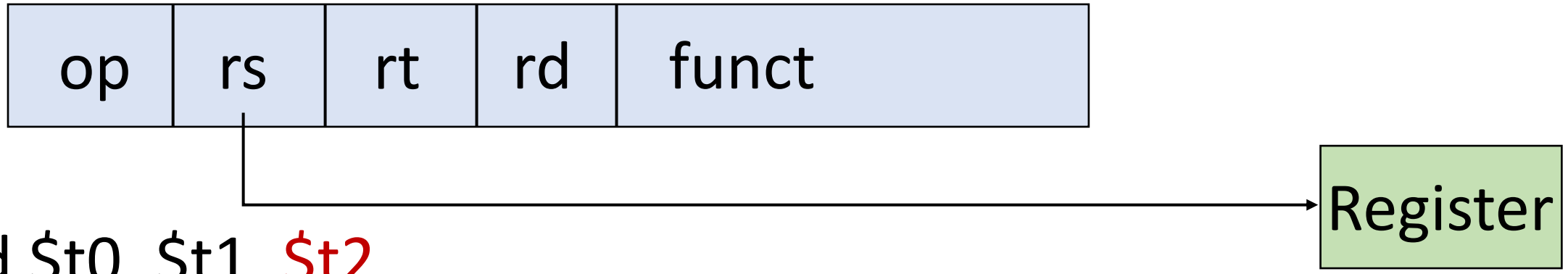
Five Common Addressing Modes

Immediate

addi $t0, $t1, 5

Five Common Addressing Modes

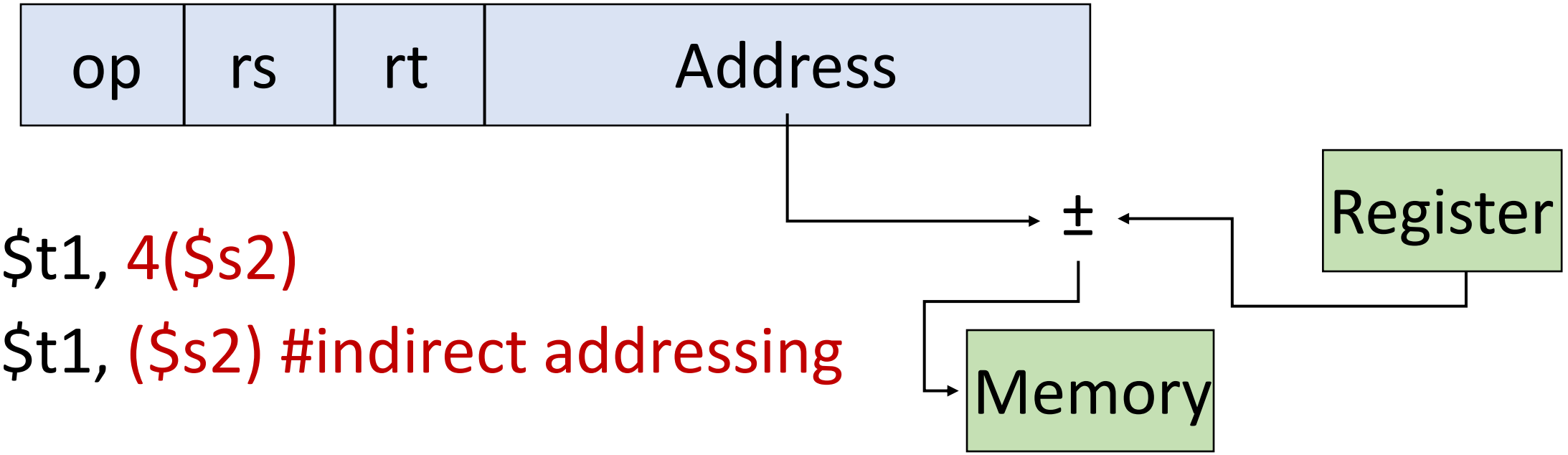
Register



add $t0, $t1, $t2

Five Common Addressing Modes

Base

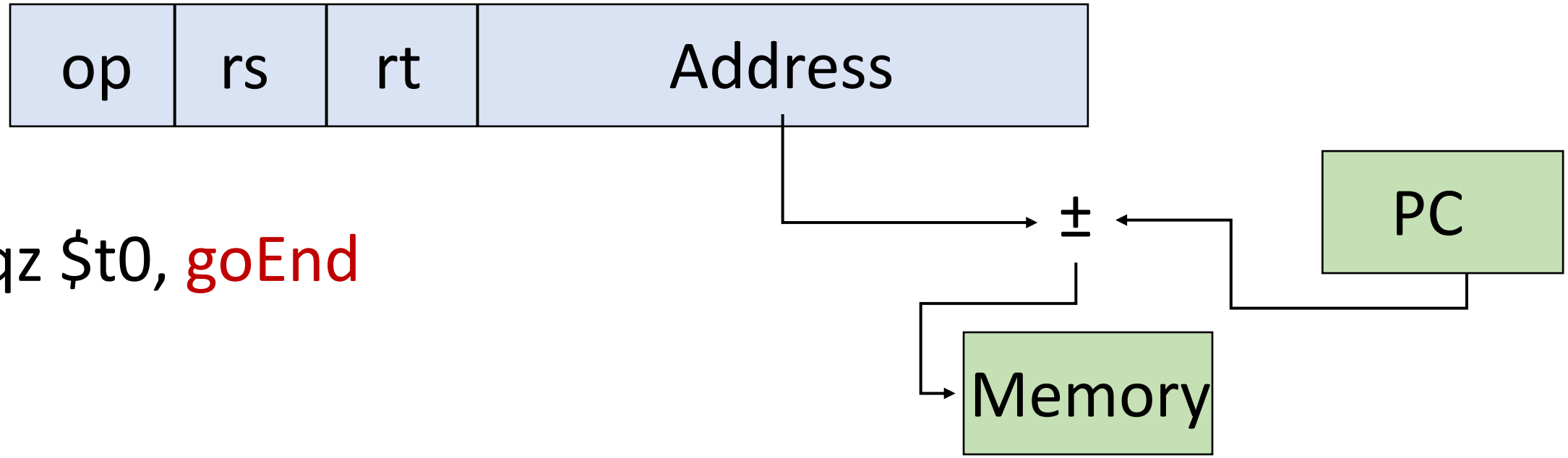


lw $t1, 4($s2)

lw $t1, ($s2) #indirect addressing

Five Common Addressing Modes

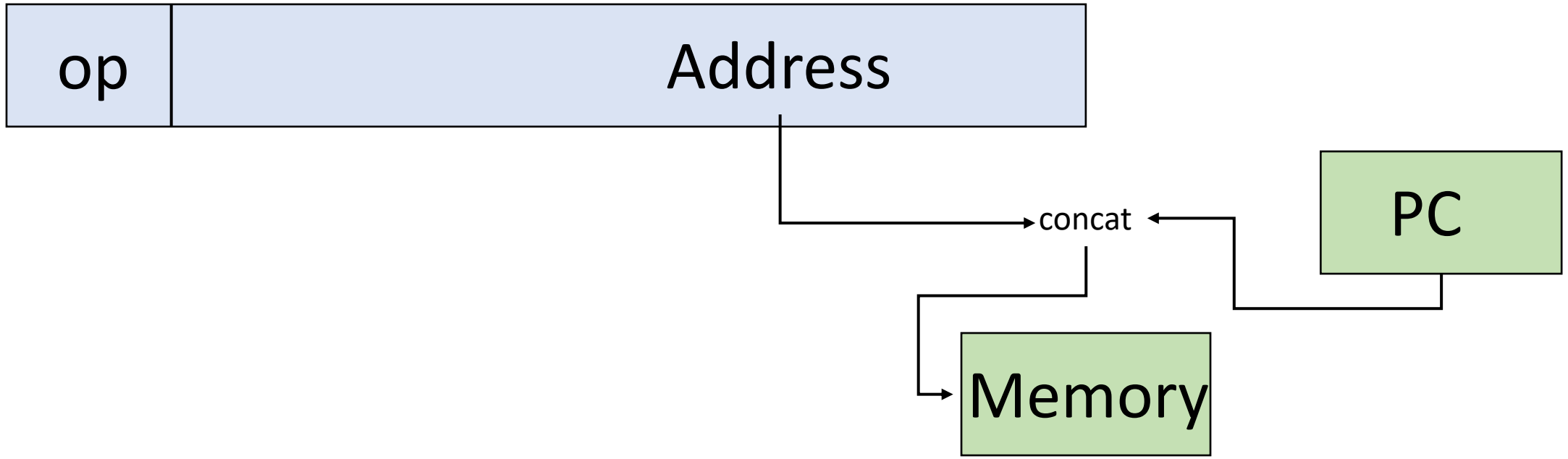
PC-relative



beqz $t0, goEnd

Five Common Addressing Modes

Pseudodirect



jal

Abhari Ahe