

Quadruple	Explanation
label, n	n is an integer
goto, n	n is an integer
func, s	s is a string
call s	s is a string
ret	function return
or,a,b,c	$a = b \mid c$
xor,a,b,c	$a = b \wedge c$
and,a,b,c	$a = b \& c$
sll,a,b,c	$a = b \ll c$
srl,a,b,c	$a = b \gg c$
add,a,b,c	$a = b + c$
sub,a,b,c	$a = b - c$
mul,a,b,c	$a = b * c$
div,a,b,c	$a = b / c$
rem,a,b,c	$a = b \% c$
neg,a,b	$a = -b$
lnot,a,b	$a = !b$
not,a,b	$a = \sim b$
beqz,a,b	if $a == 0$ goto label b
bnez,a,b	if $a != 0$ goto label b
bgez,a,b	if $a \geq 0$ goto label b
bgtz,a,b	if $a > 0$ goto label b
blez,a,b	if $a \leq 0$ goto label b
bltz,a,b	if $a < 0$ goto label b
li,a,b	$a = b$, b is constant
lw,a,b,c	$a = *(b+c)$, c is constant
sw,a,b,c	$*(b+c) = a$, c is constant
move,a,b	$a = b$