Implementation of three address code:

i) Quadruples
ii) Triples
iii) Indirect triples

Quadruples:

Op	arg1	arg2	result
x = y op z			
x = op y	y	No args2	
x = y			
Param x	⇒ No	args2	result
L = result			

Eg: a = b * -c + b * -c

t_1 = uminus c
t_2 = b * t_1
t_3 = uminus c
t_4 = b * t_3
t_5 = t_2 + t_4
a = t_5

	Op	arg1	arg2	result
(0)	uminus	c		t_1
(1)	*	b	t_1	t_2
(2)	uminus	c		t_3
(3)	*	b	t_3	t_4
(4)	+	t_2	t_4	t_5
(5)	=	t_5		a

Triples:

	OP	arg1	arg2
(0)	uminus	c	
(1)	*	b	(0)
(2)	uminus	c	
(3)	*	b	(2)
(4)	+	(1)	(3)
(5)	=	a	(4)

Indirect triples

		OP	arg1	arg2
(0)	(40)	uminus	c	
(1)	(41)	*	b	40
(2)	(42)	uminus	c	
(3)	(43)	*	b	42
(4)	(44)	+	41	43
(5)	(45)	=	44	