1. X=Z+2*8-(a/b)-x

$t_0 = 2*8$

$t_1 = a/b$

$t_2 = Z + t_0$

$t_3 = t_2 - t_1$

$t_4 = t_3 - x$

$x = t_4$

---

2. int x(6); ... x[j+j*2] = a*3/6

$t_0 = a*3$

$t_1 = t_0/6$

$t_2 = j*2$

$t_3 = j + t_2$

$t_4 = t_3*4$

$X[t_4] = t_1$

3. int x[6], Y[5][3][2];
x[j+j*2] = Y[i+2][j-1][k*3];

$t_0 = i+2$

$t_1 = t_0*24$

$t_2 = j-1$

$t_3 = t_2*8$

$t_4 = t_1 + t_3$

$t_5 = k+3$

$t_6 = t_5*4$

$t_7 = t_4 + t_6$

$t_8 = j*2$

$t_9 = j + t_8$

$t_{10} = t_9*4$

$X[t_{10}] = Y[t_7]$

1- if(x[i+2]>x[i-1])a
a=z*3+y; else a=2

t0=i-1

t1=i+2

if x[t1]>x[t0] goto L0

goto L1

L0: t2=z*3

t3=t2+y

a=t3

goto L2

L1: a=2

L2: ...

2- While(x[i+2]>x[i-1])
{if(y<3) y=1; else y=0;}

L0: t0=i+2

t1=i-2

if(x[t0]>x[t1]) goto L1

goto L2

L1: t2=y<3

if(t2) goto L3

goto L4

L3: y=1

goto L5

L4: y=0

L5: ...

goto L0

L2: ...

3- do i++; j++; while (x>z*5);

t0=z*5

L0: t1=i+1

t2=j+1

i=t0

j=t2

if(x>t0) goto L0

goto L1

L1: ...