3. As Mr.Zakeri mentioned TAC code is only addressable for statements .

So only following commands are handled:

* if statement
* while statements
* variable assignments
* array variable assignments

as example following input

class QuickSort{  
 public static void main(String[] a){  
 System.out.println(new QS().Start(*10*));  
 }  
}  
class QS{  
 public int Start(int j){  
 h = z < x && k < z;  
 f[*5*] = j + k \* *5*;  
 k = f[*6*] + k \* *5*;  
 if(k&&z<*5*)  
 {  
 f[*2*] = a - (d + k) \* a \* z;  
 k = f[*6*] + k \* *5*;  
 }  
 else  
 {  
 k = f[*5*] + k;  
 }  
 while(k<z&&b)  
 {  
 f[*5*] = z\*x;  
 }  
 return *0*;  
 }  
}

result will be

T1=z < x

T2=k < z

h = T1 && T2

T3=k \* 5

T4=sizeOf(f)

T4=T4\*5

T4= &f+T4

\*T4 = j + T3

T5=sizeOf(f)

T5=T5\*6

T5= &f+T5

T6=\*T5

T7=k \* 5

k = T6 + T7

T8=k && z

if (T8 < 5) goto L1

T16=sizeOf(f)

T16=T16\*5

T16= &f+T16

T17=\*T16

k = T17 + k

goto L2

L1: T9=d + k

T10=T9 \* a

T11=T10 \* z

T12=sizeOf(f)

T12=T12\*2

T12= &f+T12

\*T12 = a - T11

T13=sizeOf(f)

T13=T13\*6

T13= &f+T13

T14=\*T13

T15=k \* 5

k = T14 + T15

L2:

goto L3

L4: T19=sizeOf(f)

T19=T19\*5

T19= &f+T19

\*T19 = z \* x

L3: T18=z && b

if (k < T18) goto L4