2)

Original

Control flow

Start 9nt a = 0. else { 9 f(i<)) a=i $a^* = i^* - j$ $\begin{cases} \text{while } (i > 0) j \end{cases}$ return aj

After Flattening Start int a=0 while (var 1=0) Switch (Vas) (ase 3: case 4: case 2 3 (osc1; 1, t (1>0) if (i<i) Var=3 va8 = 43 int a=0 {a=j; var=0} break else var=0 else var= 3 Va8=2 break; break a*= 1--1 return a; break ; 3