

Zeile	Operation	DEF(n)	USE(n)	Con(n)	Rel(n)
1	public static void doSomething () {				
2	int erg = 0;	erg			{}
3	int x = 0;	x			erg
4	int zehn = 10;	zehn			erg, x
5	int wert;				erg, x
6	System.out.print(">>");				erg, x
7	int in = In.readInt();	in			erg, x
8	if(in > 100){		in		erg, in, x
9	int mod = in % 5;	mod	in		8 erg, in
10	erg = erg + mod;	erg	erg, mod		8 mod, erg
11	x = mod;	x	mod		8 erg, mod
12	wert = mod;	wert	mod		8 erg, x
13					erg, x
14	else {				
15	int mul = in * 10;	mul	in		8 erg, in, x
16	erg = erg + mul;	erg	erg, mul		8 erg, mul, x
17	wert = mul / 5;	wert	mul		8 erg, x
18					erg, x
19	if(x <= 0){		x		erg, x
20	x = zehn;	x	zehn		19
21	erg = erg / x;	erg	erg, x		19
22	System.out.println(wert);		wert		19
23	System.out.println(erg);		erg		19
24					
25	else {				
26	erg = erg / x;	erg	erg, x		19 erg, x
27	System.out.println(wert);		wert		19 erg
28	System.out.println(erg);		erg		19 erg

$S(28, \{erg\}) = (2, 3, 7, 8, 9, 10, 11, 15, 16, 19, 26, 28)$

S(19{x})

S(8{in})

{}

x

x

x

x

in, x

in

mod

mod

x

x

{}

in

REL Verbindung von else 14 (erg, in, x) und if 8 (erg, in, x)

REL "erg, x" von 19 da "erg, in, x" von else kommt

x

x

x

x

x