

| Zeile | Befehl   | DEF(n)    | USE(n)    | Con(n) | Rel(n) | Slice(4,x) | Slice(7,result,x) |
|-------|--|-----------|-----------|--------|--------|------------|-------------------|
| 1     | int simpleFloorSqrt ( int x ) {                | x         |           |        | {}     | {}         | {}                |
| 2     | int sqrt = -1;                                 | sqrt      |           |        | x      | x          | x                 |
| 3     | int i = 1 , result = 1 ;                       | i, result |           |        | x      | x          | x                 |
| 4     | if ( x == 0     x == 1 ) {                     |           | x         |        | i,x    | x          | result, x         |
| 5     | sqrt=x ;                                       | sqrt      | x         |        | 4 x    |            |                   |
| 7     | while ( result <= x ) {                        |           | result, x |        | 4 i    |            | result, x         |
| 8     | i ++;  | i         | i         |        | 7 i    |            | x                 |
| 9     | result = i * i ;                               | result    | i         |        | 7 i    |            | x                 |
| 11    | sqrt = i -1;                                   | sqrt      | i         |        | 4 i    |            |                   |
| 13    | return sqrt ;                                  |           | sqrt      |        | sqrt   |            |                   |
|       |  |           |           |        |        |            |                   |
|       | Slice(13,sqrt)+Slice(4,x)+Slice(7;result,x)    |           |           |        |        |            |                   |
|       | {S1,S4,S5,S7,S8,S11,S13}V{S1,S4}V{S1,S3,S7,S9} |           |           |        |        |            |                   |
|       | Slice(13,sqrt)={S1,S3,S4,S5,S7,S8,S9,S11,S13}  |           |           |        |        |            |                   |