

```
1 int f( int d, int x ) {  
2     if( d > N )  
3         return f( d - 1, f( d - 1, x ) );  
4     else if( d > 0 )  
5         atomic {  
6             return f( d - 1, f( d - 1, x ) );  
7         }  
8     else  
9         return small_computation( x );
```