

Input: Variable var at $code$ in Function $func$

Output: true: var is live after $code$ in $func$

```
1: procedure IS_LIVE( $var$ ,  $code$ ,  $func$ )
2:   if  $code$  is a Function Call AND  $var$  is used more than once at  $code$  then
3:     return true
4:   end if
5:    $blk \leftarrow$  Locate the block of  $code$  in function  $func$ 
6:   return ( $var \in LIVE\_VARS(blk)$ )
7: end procedure
```