

OS-SELECT(x, i)

1 $r = x.\text{left.size} + 1$

2 **if** $i == r$

3 **return** x

4 **elseif** $i < r$

5 **return** OS-SELECT($x.\text{left}, i$)

6 **else return** OS-SELECT($x.\text{right}, i - r$)