

**OS-SELECT**( $x, i$ )

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

**if**  $i == r$

**return**  $x$

**elseif**  $i < r$

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

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