

Pax 2 Worst Case: n: length of arig binary a divide by 2 until we get 1 ar number of half-ing 2 m = 1 / 1 / 1 / 1 / 1 91 = log M) -> we need to divide by log(n) times until we have everythy divided. best (see) O(1) This happens when key is equal to suppose we have an array of odd number of element 2K+1: KEIN if key = \(\frac{2h+1}{2} \) + 1 = mid \(\rightarrow\) found. -> O(1)