



Suppose we had an array of n integers *sorted in ascending order*. How quickly could we check if a given integer is in the array?

Solution

Because the array is sorted, we can use binary search to find the item in $O(\lg n)$ time and $O(1)$ additional space.

Ready for more?

Check out our full course →

Want more coding interview help?

Check out **interviewcake.com** for more advice, guides, and practice questions.