



In this case, $*mid < left$, such that

- $[left, mid]$ is circularly sorted
- $[mid, right]$ is sorted

First check if target in the range of $[*mid, *right]$ (or the sorted section).

- If so, $left = mid + 1$ as if target exists in the array, it must be in $[mid, right]$
- If not, $right = mid - 1$ as if target exists in the array, it must not be in $[mid, right]$