Search in Rotated Sorted Array

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241636   Difficulty: **Hard**

| Question | Solution |

Suppose a sorted array is rotated at some pivot unknown to you beforehand.

(i.e., `0 1 2 4 5 6 7` might become `4 5 6 7 0 1 2`).

You are given a target value to search. If found in the array return its index, otherwise return -1.

You may assume no duplicate exists in the array.

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```
1   int search(int* nums, int numsSize, int target) {
2
3   }
```

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