

Problem Challenge 2

We'll cover the following ^

- Search in Rotated Array (medium)
- Try it yourself

Search in Rotated Array (medium)

Given an array of numbers which is sorted in ascending order and also rotated by some arbitrary number, find if a given 'key' is present in it.

Write a function to return the index of the 'key' in the rotated array. If the 'key' is not present, return -1. You can assume that the given array does not have any duplicates.

Example 1:

```
Input: [10, 15, 1, 3, 8], key = 15
Output: 1
Explanation: '15' is present in the array at index '1'.
```

Original array:	1	3	8	10	15
Array after 2 rotations:	10	15	1	3	8

Example 2:

```
Input: [4, 5, 7, 9, 10, -1, 2], key = 10
Output: 4
Explanation: '10' is present in the array at index '4'.
```

Original array:	-1	2	4	5	7	9	10
Array after 5 rotations:	4	5	7	9	10	-1	2

Try it yourself

Try solving this question here:

Java Python3 JS C++

```
1 def search_rotated_array(arr, key):
2     # TODO: Write your code here
3     return -1
4
5
6 def main():
7     print(search_rotated_array([10, 15, 1, 3, 8], 15))
8     print(search_rotated_array([4, 5, 7, 9, 10, -1, 2], 10))
9
10
11 main()
12
```

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Solution Review: Problem Challenge 1

Solution Review: Problem Challenge 2

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Completed