Problem Challenge 3

We'll cover the following

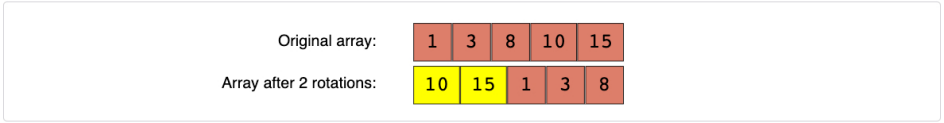
Rotation Count (medium)

Given an array of numbers which is sorted in ascending order and is rotated 'k' times around a pivot, find 'k'.

You can assume that the array does not have any duplicates.

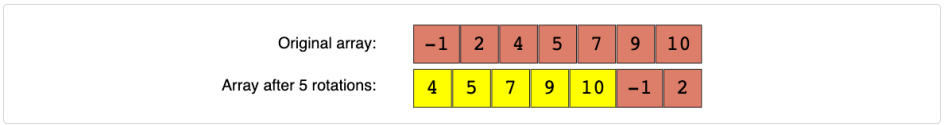
Example 1:

```
Input: [10, 15, 1, 3, 8]
Output: 2
Explanation: The array has been rotated 2 times.
```



Example 2:

```
Input: [4, 5, 7, 9, 10, -1, 2]
Output: 5
Explanation: The array has been rotated 5 times.
```



Example 3:

```
Input: [1, 3, 8, 10]
Output: 0
Explanation: The array has been not been rotated.
```

Try it yourself

Try solving this question here:

Java | Python3 | JS | C++

```
class RotationCountOfRotatedArray {

  public static int countRotations(int[] arr) {
   // TODO: Write your code here
    return -1;
  }

  public static void main(String[] args) {
    System.out.println(RotationCountOfRotatedArray.countRotations(new int[] { 10, 15, 1, 3, 8 }));
    System.out.println(RotationCountOfRotatedArray.countRotations(new int[] { 4, 5, 7, 9, 10, -1, 2 }));
    System.out.println(RotationCountOfRotatedArray.countRotations(new int[] { 1, 3, 8, 10 }));
  }
}

```

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Solution Review: Problem Challenge 2

Solution Review: Problem Challenge 3

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