Problem Challenge 3

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.
```

	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]
Output: 5
Explanation: The array has been rotated 5 times.
```

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

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 JS	Ⓒ C++

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

```
11
12   main()
13
```

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