Leaders in a Array

https://www.geeksforgeeks.org/problems/leaders-in-an-array-1587115620/1

Brute Force

```python
def leaders(arr):
    result = []
    n = len(arr)

    for i in range(n):

        for j in range(i + 1, n):

            if arr[i] < arr[j]:
                break
        else:
            result.append(arr[i])

    return result
```

TC- O(N^2)

SC- O(1)

Optimal Solution

```python
class Solution:

    def leaders(self, arr):


        result=[]

        n= len(arr)

        maxRight= arr[-1]

        result.append(maxRight)

        for i in range(n-2,-1,-1):

            if arr[i]>=maxRight:

                maxRight= arr[i]

                result.append(maxRight)

        result.reverse()

        return result
```

TC- O(N)

SC-O(1)