

```
// Given an array A of positive integers. Your task is to  
find the leaders in the array. An element of array is leader  
if it is greater than or equal to all the elements to its  
right side. The rightmost element is always a leader.  
// Expected Time Complexity:  $O(n)$   
// Expected Auxiliary Space:  $O(n)$ 
```

Read the question carefully. An element of array is leader if it is greater than or equal to all the elements to its right side. The rightmost element is always a leader.

If an element is greater than the maximum element among its right side, then it is greater than all of the elements to its right.