1 2 3 4 5 sorted

1 rotate by 2

4 5 D 2 3

find minimum element

Note: To do this we need to understand some properties, in a rotated array

- 1. The minimum element will always be lower than the previous and next elements (if not at first/last index)
- 2. We can think of the emay having 2 parts

Part 1 2 3 - RIGHT

Elements in the first part will be 7 rightmost element Elements in the seemed part will be <= rightmost element to use We can use the rightmost element to use as pivot to adjust the search space by updating start and end indexes.

- At every iteration: check if Almid] is minimum Condition to check is minimum!

A[mid] L = MAHTMOST element and [mid == 0 or A[mid] (Acmid - D)

- Else: do a normal bloany search
 - Almid L RIGHTMOST : -) IF then we need to go left 4 5 L= RIGHT

end: mid-1

> RIGHT

- If A [mid] 7 KIGHTMOST : then we are in 1st part and

should move right Start : midtl