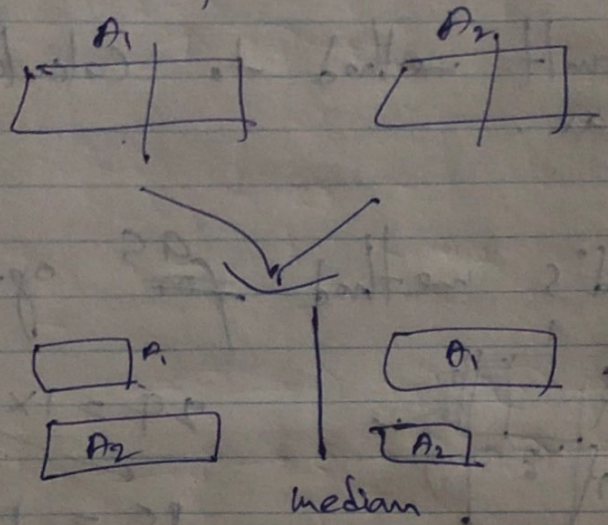
*Median of Two Sorted Arrays



maxLeft A_1 ≤ minRight A_2

&

maxLeft A_2 ≤ minRight A_1 when median has been found.

Here we are using Binary Search → O(log(min(m,n)))

If maxLeft A_1 > minRight A_2

median is in left side

end of A_1 → current position - 1

If maxLeft A_2 > minRight A_1

begin of A_1 → Current position + 1