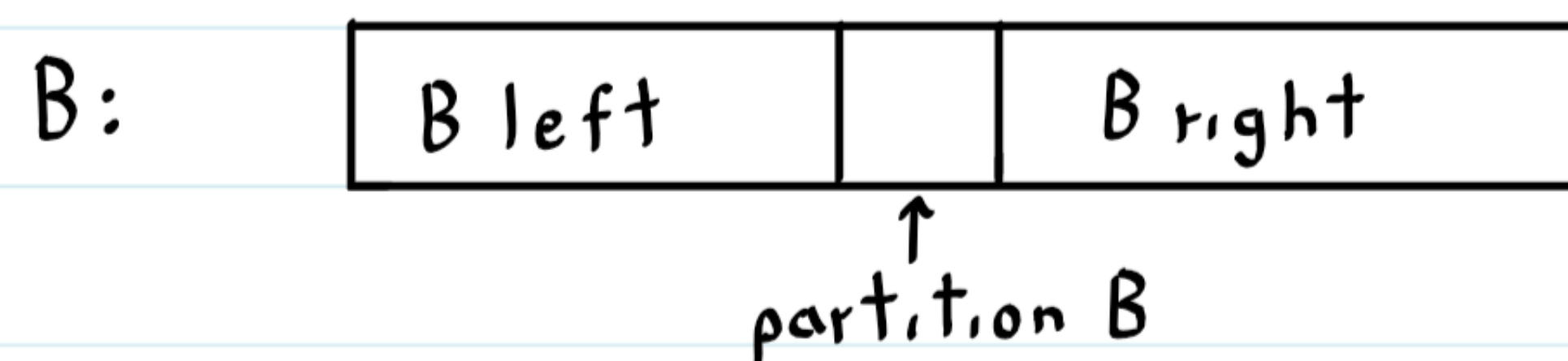
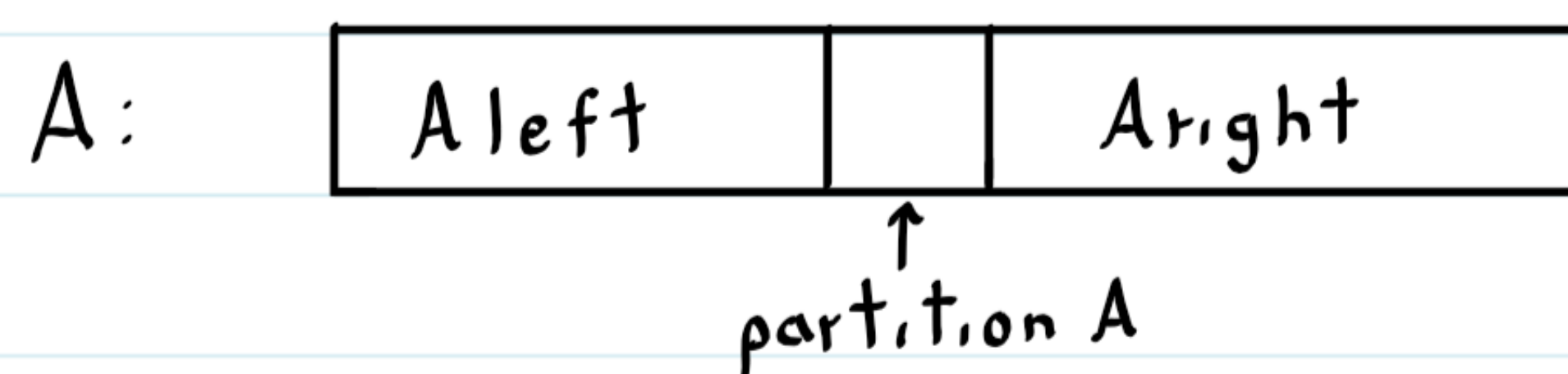
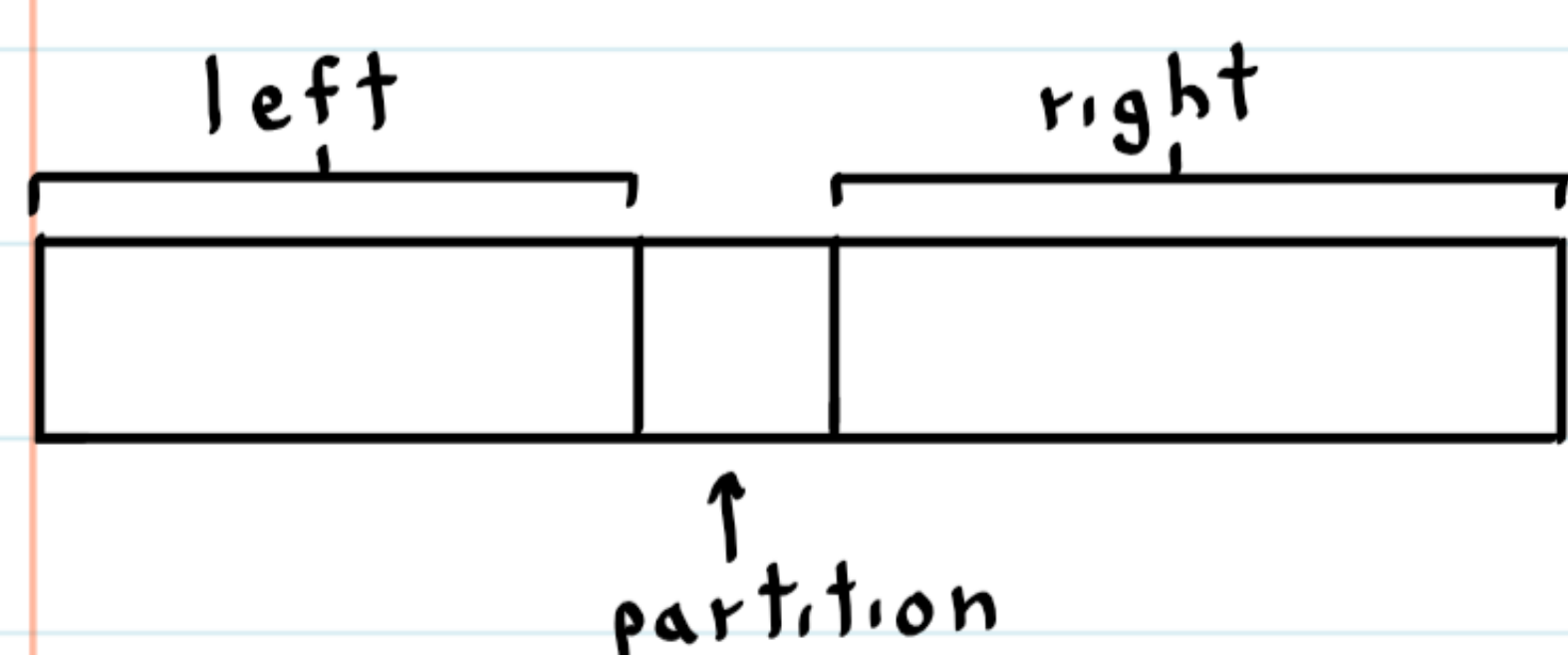
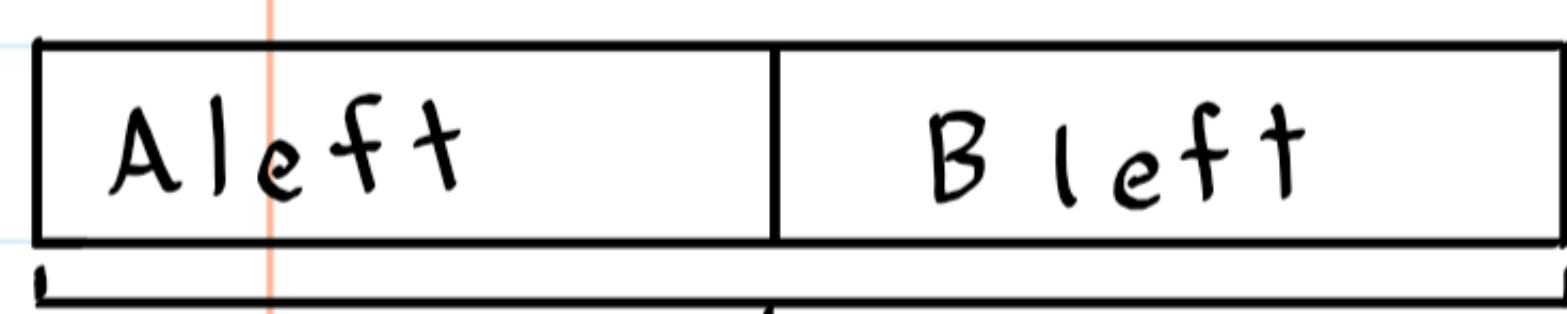


Median of Two Sorted Arrays

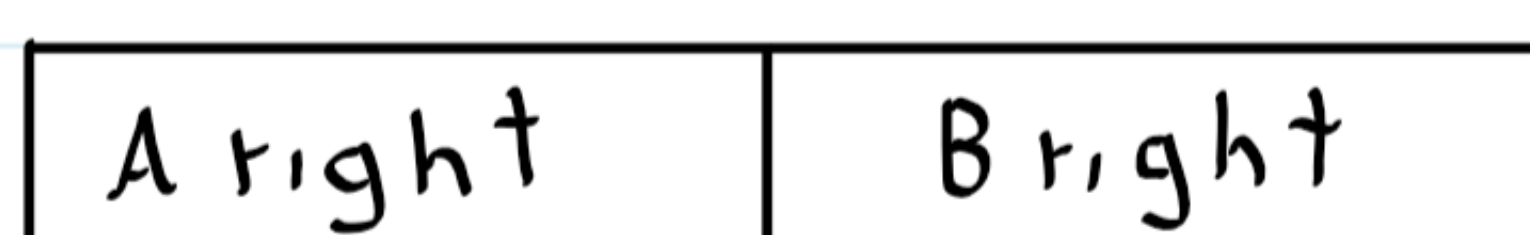


- Partition is included in right half

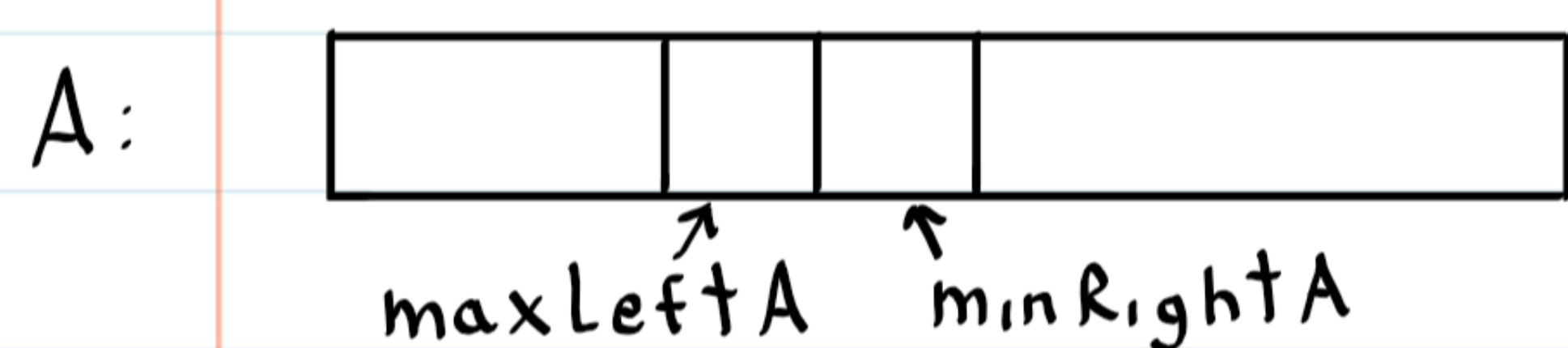
smaller half



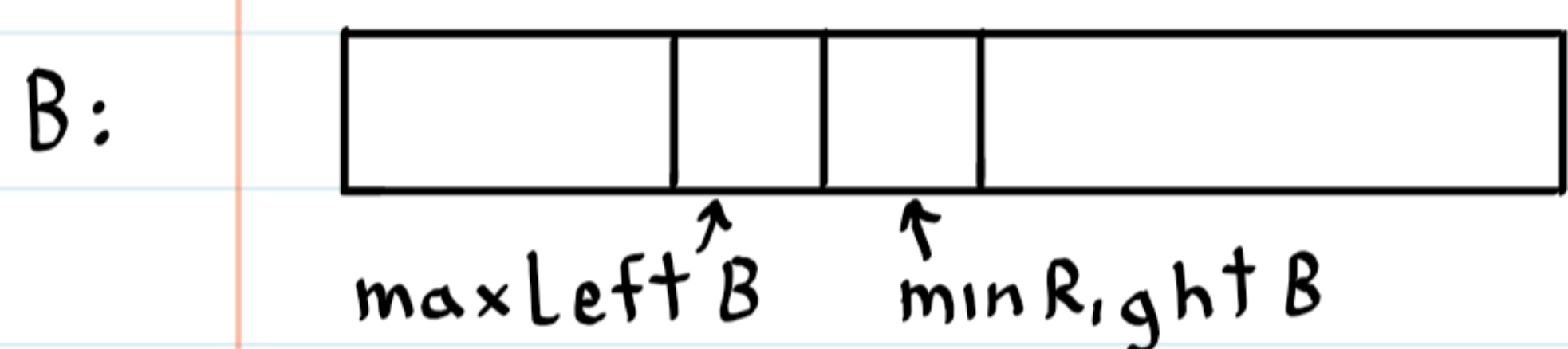
bigger half



$(m+n+1)/2$ elements



maxLeft A and maxLeft B should be in smaller half



minRight A and minRight B should be in larger half

Thus $\text{maxLeft A} \leq \text{minRight B}$ and $\text{maxLeft B} \leq \text{minRight A}$ should be true