1.
$$nums1 = [1,2,3,0,0,0]$$

 $nums2 = [2,5,6]$
 $3<6 \rightarrow 6$

2.
$$nums1 = [1,2,3,0,0,6]$$

 $nums2 = [2,5,6]$
 $3<5 \rightarrow 5$

3.
$$nums1 = [1,2,3,0,5,6]$$

$$nums2 = [2,5,6]$$

$$3>2 -> 3$$

$$nums1 = [1,2,2,3,5,6]$$