Find First and Last Position of Element in Ported Array

For this problem we need on Ellogn) algorithm so benong search is required.

Approach: Two Burary Teasches:

- We perform two separate beniary searches:

 1. Find the first occurrence (leftmost index) of target.
 - 2. Find the last occurrence (right most index) of target.

If taget is not found, relian [-1,-1].

Bunary Jearch for Fairt Occurrence:]

While rearching, of nums [mid] == target, move left too find earlier DCCUNTENCES.

Binary Teach for Zost Occurrence:]
While rearching, if mems [mid] = = target, move right to find later Occussionces.

Complexity:

· Tuine: O(logn) for each binary rearch -> O(logn) total.

· Space: O(1)