Problem Definition: 給定-大十為內的整數學列手。- target, 設畫 找此整數陣列中target的範圍[left, right],已知 此學列由小至大排列退 若無,則回傳 [-1,-1] 0. 0 m = 丁烷有為 l edge cove. 0. [5, 7, 7, 8, 8, 10] target = 8 = [3,4]

0. [5, 7, 7, 8, 8, 10] target = 9

Q. [5, 7, 7, 8, 8, 10] target = 5

- ⊙. [] tanget = 10
 ⇒ [+,+]
- Solution: 只能用 Binary Search 個別找 left, right

否則使用 traverse ≠ worst case \$ 01n1.

III. Binary Search 找 left, 找等同 target index 最小

- (2), B. C. 145 11 + 55 D. 1 . 1 B
- (21. Binary Search 找 right, 找 等同 target index 最大

111). 每次的工問題設計:

num/[mid] > = target = [left, mid]

num, Emid] < : = Emid+1, right]

Example: [5, 7, 7, 8, 8, 6, 10].

四. 每次的子問題設計:

numr[mid] <= target = [mid, right]

num, [mid] > = = [left, mid-1]