Leet(ode 167 (Two Sum 11-Input Array is Souted) Given I-indexed array of integers numbers that is already sorted in non-decreasing order, Find 2 no. such that they add up to a specific target number. Let these two numbers be humbers lindex, I and number lindex, I where Ic= index, < index, == humber length. Return the indices of the two numbers, index, and index, added by one as an integer array Eindex,, index, I of length Constraints @ 2 <= humbers length < - 3 x 10 4 Example Input snumbers = [2,7,11,15] 0-1000 <= numbers[i] <=1000 target = 9 enumbers are sosted in non-Buffret => [1,2] decreasing ander. Explanation => The sum of 2 and 7 0-1000 <=target <= 1000 Exactly one Solution. index = 1 7 return, [1,2] index2 = 2 Solution class Solution f public int [] twosum (int [] numbers, int target) { / / int i=0; 0 int j = numbers-length -1; (U-1)=3 int (] result = new int [2]; while (ik= numbers length) f if (numberstil + numberstil > target) { 1-- ; Jelse if (numberstil + numberstil (target) { itt; Felse ? result [0] = i+1/10] = 0+1=1 result [1] = j + 1; [1] = 1+1 = 2 semen semit; return result; -> [1,2]