```
Given a 1-indexed array of integers numbers that is already sorted in non-
   decreasing order, find two numbers such that they add up to a specific
                                                                            2 8 10 14 15 16 17 20 25 29 90 48
   target number. Let these two numbers be {\tt numbers[index_1]} and
   numbers[index2] where 1 <= index1 < index2 <= numbers.length .
   Return the indices of the two numbers, index_1 and index_2, added by one as
   an integer array [index_1, index_2] of length 2.
                                                                                                               1=14 1=11
   The tests are generated such that there is exactly one solution. \underline{\text{You may not}}
  use the same element twice.
  Your solution must use only constant extra space.
     S: O(1)
                                                 (hy/h2) + (h3) + (h-7) + (h-5) + 3 +2 +1
        in (numbers)
i in range(1):
b = target - numbers[i]
for j in range(i + 1, 1):
    if b == numbers[j]:
        return [i + 1, j + 1]
                1 -> h1
                                                                   6
               2-) 4-2
              9-1 4-0
            9
                                                                                                              (2,29)
(17)
(5/16)
  2 8 10 14 15 16 17 \ 20 \ 25 \ 29 90 95 \ 0 1 2 J 4 5 6 7 6 7 10 11
Dictoring :
                                                                             2+48 = 50
                                                                             2+40=42
               10-2
                14-2
               15-9
0(1) > 0(1)
             0(1)
                                                                         ans = []
while si < ei:
    sum = arr[si] + arr[ei]
                   2/2/2/2/2/7/7/7/
                                                                            if sum == tar:
    ans.append([si, ei])
    si += 1
    ei -= 1
Jar=6
                                          Jer 8
                                                                            elif sum < tar:
    si += 1
else:
    ei -= 1
                                                                            2-7ix
[(2,4),[3,3])
   00/1/1/2/2/2/01/1/4/5/5/6/6/
 (91) (1/5) (2/5) (2/5)
```

```
(0, h) \rightarrow 0

(p_1 + 1, i + 1) \rightarrow 1

(i + 1, p_2) \rightarrow \infty

(p_2 + 1, h_1) \rightarrow 2
```

```
def sortColors(self, arr: List[int]) -> None:
    itr = 0
    pt = -1
    n = len(arr)
    pt2 = n - 1

while itr < n:
    if arr[itr] == 0:
        pt += 1
        arr[pt], arr[itr] = arr[itr], arr[pt]
        itr += 1
    elif arr[itr] == 1:
        itr += 1
    else:
        arr[pt2], arr[itr] = arr[itr], arr[pt2]
        pt2 -= 1</pre>
```

