Find smallest number in an given array.

def findSmallest(arr, n):

res = 1 #Initialize result

# Traverse the array and increment

# 'res' if arr[i] is smaller than

# or equal to 'res'.

for i in range (0, n ):

if arr[i] <= res:

res = res + arr[i]

else:

break

return res

# Driver program to test above function

arr1 = [1, 3, 4, 5]

n1 = len(arr1)

print(findSmallest(arr1, n1))

arr2= [1, 2, 6, 10, 11, 15]

n2 = len(arr2)

print(findSmallest(arr2, n2))

arr3= [1, 1, 1, 1]

n3 = len(arr3)

print(findSmallest(arr3, n3))

arr4 = [1, 1, 3, 4]

n4 = len(arr4)

print(findSmallest(arr4, n4))