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Task 1: Merge Sorted Array
def mergeSortedArray(arr1, arr2):
 #To Do
  merge_arr = np.array([0]*(len(arr1) + len(arr2)))
  i,j,k = 0,0,0
  while i < len(arr1) and j <len(arr2):
    if arr1[i] <= arr2[j]:</pre>
      merge_arr[k] = arr1[i]
      i +=1
    else:
      merge_arr[k] = arr2[j]
      j +=1
    k +=1
  while i<len(arr1):
    merge_arr[k] = arr1[i]
    i +=1
    k +=1
 while j<len(arr2):
    merge_arr[k] = arr2[j]
    j +=1
    k +=1
  return merge_arr
Task 2: Container with Most Water
def mostWater(arr):
 max water = 0
  left = 0
  right = len(arr) - 1
  while left <right:
    width = right - left
    if arr[left] < arr[right]:</pre>
      curr water = arr[left] * width
      left +=1
    else:
      curr_water = arr[right] * width
      right -=1
    if curr_water > max_water:
      max_water = curr_water
  print(max_water)
Task 3: Building Blocks
def check_similar(building_1, building_2):
 while building 1 and building 2:
    if building_1.elem != building_2.elem:
      return "Not Similar"
    building_1 = building_1.next
    building_2 = building_2.next
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if building_1 or building_2:
    return "Not Similar"
 return "Similar"
Task 4: Assemble Conga Line
def assemble_conga_line(conga_line):
 temp = conga_line
 while temp.next != None:
    if temp.elem > temp.next.elem:
      return False
    temp = temp.next
 return True
Task 5: Sum of Nodes
def sum_dist(head, arr):
 val = \{\}
 temp = head
 idx = 0
 while temp:
    val[0] = temp.elem
    temp = temp.next
    idx += 1
 sum = 0
 for i in arr:
    if i in val:
      sum +=val[i]
    else:
      sum += 0
 return sum
```