#WAPP to input n elements to a list. Find the sum of the odd distinct pair and store in to another list, #similarly the sum of even distinct pair to even list, the remain sum with the smallest odd value in the list. #Store the product of list odd and even and store in product list, then display.

arr = [12, 34, 45, 9, 8, 90, 3]

left, right = 0, len(arr)-1

while left < right:

while (arr[left] % 2 == 0 and left < right):

left += 1

while (arr[right] % 2 == 1 and left < right):

right -= 1

if (left < right):

arr[left], arr[right] = arr[right], arr[left]

left += 1

right = right-1

print("Array after segregation "),

for i in range(0, len(arr)):

print(arr[i])

Print the pattern using loop

5 4 3 2 1

1 2 3 4

3 2 1

1 2

1

rows = 5

for i in range(0, rows + 1):

for j in range(rows - i, 0, -1):

print(j, end=' ')

print()