x = int(input("Enter the number of values : "))

arr = []

for i in range(x):

arr.append(int(input("Enter the values : ")))

print("The given list is ",arr)

n = int(x/2)

highest = arr[0]

highest\_index = 0

for i in range(n):

if arr[i] > highest :

highest = arr[i]

highest\_index = i

print('The highest values in first half is {} and position is {} ' .format(highest,highest\_index+1))

lowest = arr[0]

lowest\_index = 0

for i in range(n):

if arr[i] < lowest :

lowest = arr[i]

lowest\_index = i

print('the lowest values in first half is {} and position is {}' .format(lowest,lowest\_index+1))

highest = arr[0]

highest\_index = 0

for i in range(n , x):

if arr[i] > highest :

highest = arr[i]

highest\_index = i

print('the highest values in second half is {} and position is {} ' .format(highest,highest\_index+1))

lowest = arr[n]

lowest\_index = 0

for i in range(n , x):

if arr[i] < lowest :

lowest = arr[i]

lowest\_index = i

print('The lowest values in second half is {} and position is {} ' .format(lowest,lowest\_index+1))