#!/bin/python3

import math

import os

import random

import re

import sys

# Complete the maximumPerimeterTriangle function below.

def maximumPerimeterTriangle(sticks):

sticks.sort(reverse=True)

for i in range(0,len(sticks)-2):

if(sticks[i]<(sticks[i+1]+sticks[i+2])):

return sticks[i+2],sticks[i+1],sticks[i]

k=[-1]

return k

if \_\_name\_\_ == '\_\_main\_\_':

fptr = open(os.environ['OUTPUT\_PATH'], 'w')

n = int(input())

sticks = list(map(int, input().rstrip().split()))

result = maximumPerimeterTriangle(sticks)

fptr.write(' '.join(map(str, result)))

fptr.write('\n')

fptr.close()

Input-

3

1 2 3

Output-

-1