from BinaryNode import BinaryNode, Binaryfunctions

import math

class pair:

def \_\_init\_\_(self, first = 0, second = 0):

self.first = first

self.second = second

def findMaxAndMinNode(root):

if(root == None):

p1 = pair(0,math.inf)

# p1.first = 0

# p1.second = math.inf

return p

leftAns = findMaxAndMinNode(root.left)

rightAns = findMaxAndMinNode(root.right)

Vmax = max(leftAns.first, rightAns.first, root.data)

Vmin = min(leftAns.second, rightAns.second, root.data)

ans = pair(Vmax, Vmin)

return ans

ob = Binaryfunctions()

root = ob.createBinaryTree()

ob.dispaybinaryTree(root)

ans = findMaxAndMinNode(root)

print()

print('max and min : ', ans.first," ",ans.second)