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import itertools
#Task1
def replaceListItem(listin,lItem,replaceValue):
    try:
        if listin:
            indx=listin.index(lItem)
            listin.insert(indx,replaceValue)
            print("{} is replaced with {} at index
{}".format(lItem,replaceValue,indx+1))
            return listin
        else:
            Print("The Input list is Empty....!")
    except Exception as e:
        #print("Exception in replace:"+str(e))
        return "Exception in replace:"+str(e)

#Task 2. Given a Python list, write a program to remove all occurrences of item 20.
def removeItem(listin,item):
    newList=[]
    if listin and item in listin:
        newList=[i for i in listin if i!=item]
        return newList
    else:
        print("Given List is empty or given {} is not present in
List".format(item))

#Task 3 -Printing the two list simultaneously and 1st in Original 2nd in revers
order.
def printTwoList(list1,list2):

    # print(list1,list2.reverse())

    if list1 and list2:
        list2.reverse()
        for (x,y) in zip(list1,list2):
            print(x,y)
    else:
        Print("Given list is empty...!")

print(replaceListItem([5, 10, 15, 20, 25, 50, 20],20,200))
lst=[5, 10, 15, 20, 25, 50, 20]
print("List after removing all occurence of 20 in List:",removeItem(lst,20))
lst= [1,3,5,7]
lst1=[8,6,4,2]
printTwoList(lst,lst1)

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