def num\_array(arr):

non\_zero\_elements=[x for x in arr if x!=0]

return non\_zero\_elements+[0,0]

input=list(map(int,input("enter the number:").split()))

output=num\_array(input)

num\_array(output)

def maxProfit(prices):

total\_profit=0

for i in range(1,len(prices)):

if prices[i]>prices[i-1]:

total\_profit+=prices[i]-prices[i-1]

return total\_profit

prices1=list(map(int,input("enter:").split()))

print(f"Max Profit for prices {prices1}: {maxProfit(prices1)}")