def addBinary(self, A, B):

result=""

i=len(A)-1

j=len(B)-1

carry=0

while i>=0 or j>=0:

sum = carry

if i>=0: sum+=ord(A[i])-ord('0')

if j>=0: sum+=ord(B[j])-ord('0')

i=i-1

j=j-1

carry=1 if sum>1 else 0

result+=str(sum%2)

if carry!=0: result += str(carry)

return result[::-1]