Problem Link:

<https://leetcode.com/problems/add-strings/>

Solution:

class Solution {

public:

string addStrings(string num1, string num2) {

string s = "";

int i = num1.length() - 1;

int j = num2.length() - 1;

int c = 0;

while(i >= 0 || j >= 0 || c)

{

int d1 = (i >= 0) ? num1[i--] - '0' : 0;

int d2 = (j >= 0) ? num2[j--] - '0' : 0;

int sum = d1 + d2 + c;

s += (sum % 10) + '0';

c = sum / 10;

}

reverse(s.begin(), s.end());

return s;

}

};