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| **Add Strings in C++** | |
| #include <iostream>  #include <string>  using namespace std;  string addStrings(string num1, string num2) {  string res = "";  int i = num1.length() - 1;  int j = num2.length() - 1;  int carry = 0;  while (i >= 0 || j >= 0 || carry != 0) {  int ival = i >= 0 ? num1[i] - '0' : 0;  int jval = j >= 0 ? num2[j] - '0' : 0;  int sum = ival + jval + carry;  res = to\_string(sum % 10) + res;  carry = sum / 10;  i--;  j--;  }  return res;  }  int main() {  string n1 = "123";  string n2 = "23";  string res = addStrings(n1, n2);  cout << res << endl; // Output should be 146  return 0;  } | Input: n1 = "123"  n2 = "23" 🔁 Dry Run Table:  | **Step** | **i** | **j** | **num1[i]** | **num2[j]** | **ival** | **jval** | **carry (before)** | **sum = ival + jval + carry** | **res** | **carry (after)** | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 1 | 2 | 1 | '3' | '3' | 3 | 3 | 0 | 6 | "6" | 0 | | 2 | 1 | 0 | '2' | '2' | 2 | 2 | 0 | 4 | "46" | 0 | | 3 | 0 | -1 | '1' | - | 1 | 0 | 0 | 1 | "146" | 0 |  ✅ Final Output: "146" |
| 146 | |