

CS211

Adding BIG Integers

In C++ an int is in the range 0 to 65535. But what if we need to add larger integers? Say we want compute the sum $2345566777844567 + 9999988777765768009998$. Your task in this assignment is to make this happen.

Write a function

`string add(string a, string b)`

where a and b are strings representing integers and the function add(a,b) returns a string representing their sum. Strings a and b can have a maximum of 100 characters.

Write a main program that loops asking the user for the two numbers a and b. The program should terminate if the user enters “done” what asked for “number” a.