C++ OOP – Exam (12 September 2021)

Write C++ code for solving the tasks on the following pages.

Code should compile under the C++11 standard.

Submit your solutions here: https://judge.softuni.org/Contests/3151/CPlusPlus-OOP-Regular-Exam-12-September-2021

Only source code will be accepted as solution for each task.

Task 1 – String Wrapper

You are an employee of a company called "Stringify". One of your coworkers went a holiday 2 days before releasing the final version of the project. He mentioned something about a "StringWrapper" class not being implemented.

Your task is to study the code and implement the missing functionalities.
You also need to parse your input (read it from the standard input stream).

Input

- First read a string (**Base** string)
- Second read a single UTF-8 char (**C**)
- Last read a 32bit integer (**N**)

Output

- Print the **Base** string with appended **C** char **N** number of times

Restrictions

Time limit: 250ms (0.255s)
Memory limit: 16 MB

Examples

Input	Output
Hell o 1	Hello
Zone 5 0	Zone
Basically 2 7	Basically2222222

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