# 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 |