# 08. Destructors, Constructors and Copy-Assignment

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

Code should compile under the C++03 or the C++11 standard.

Submit your solutions here: <https://judge.softuni.bg/Contests/1280/08-CPlusPlus-OOP-Inheritance-and-Polymorphism> (select “Compete” when prompted)

Any code files that are part of the task are provided under the folder **Skeleton**.

Please follow the exact instructions on uploading the solutions for each task.

NOTE: the Judge system treats each .cpp file as a compilation unit, compiles each such file and links them together to create the final executable, which is checked against the tests.

# Task 3 – Typed Stream

You are given code that reads a series of objects, spread on multiple lines, then prints them back on the console in a single line. The code uses typed streams, which know how to parse the objects from a string. However, the base class for those streams is missing. Your task is to study the provided code and implement that base class, so that the code compiles and accomplishes the task described.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1 2 3  4 5  end  int | 1 2 3 4 5 |
| this  is  the  string stream  end  string | this is the string stream |
| 0.5 1.1  42 4.2 1.3 13  end  vector | (0.5, 1.1) (42, 4.2) (1.3, 13) |