

CPP Problem Design

Subject: Input/Output 1

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Main testing concept: String

Basics

- ☒ C++ BASICS
- ☒ FLOW OF CONTROL
- ☐ FUNCTION BASICS
- ☐ PARAMETERS AND OVERLOADING
- ☐ ARRAYS
- ☐ STRUCTURES AND CLASSES
- ☐ CONSTRUCTORS AND OTHER TOOLS
- ☐ OPERATOR OVERLOADING, FRIENDS, AND REFERENCES
- ☒ STRINGS
- ☐ POINTERS AND DYNAMIC ARRAYS

Functions

- ☐ SEPARATE COMPILATION AND NAMESPACES
- ☐ STREAMS AND FILE I/O
- ☐ RECURSION
- ☐ INHERITANCE
- ☐ POLYMORPHISM AND VIRTUAL FUNCTIONS
- ☐ TEMPLATES
- ☐ LINKED DATA STRUCTURES
- ☐ EXCEPTION HANDLING
- ☐ STANDARD TEMPLATE LIBRARY
- ☐ PATTERNS AND UML

Description:

Given an arbitrary integer INPUT (INPUT), follow the requirements below to output it:

If the number of characters in INPUT (including the negative sign) is less than 10 digits, fill in the space at the beginning, so that the number of spaces plus the number of characters in INPUT just meets 10 digits.

Input:

Each line represents an INPUT, the program continues to request input, and ends if EOF is read.

Output:

Each line is output according to the requirements of the problem.

Sample Input / Output :

Sample Input	Sample Output
5	5
2147483647	2147483647
12345678901234567890	12345678901234567890

- ☒ Easy, Only basic programming syntax and structure are required.
- ☐ Medium, Multiple programming grammars and structures are required.
- ☐ Hard, Need to use multiple program structures or complex data types.

Expected solving time:

10 minutes

Other notes: