

# CPP Problem Design

**Subject:** Print Standard Format

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**Main testing concept:** Basic Output Format

## 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:

You are a IT employee in a company, your manager request you to print out N employee' s information, as make sure the result remains clean. Every employee has information of Name, Salary, Bonus.

## Input:

Input Integer  $N(10^6 \geq N > 0)$  at the start of the line. With next N pieces of employee information. Every information comes with three data: Name, Salary(Between  $10^9 \sim 0$ ) and Award(Between  $10^9 \sim 0$ ) .Separate three data with space.

\*The name doesn' t contain space.

Program ends after reading of EOF.

## Output:

For every test data(from this input N to next input N, is a pair of test data.)Please make sure the width of every column is same as the longest width of other all data in that column. Besides, separate columns with symbol |. Symbol | separates two spaces away from other data.

## Sample Input / Output :

Sample Input	Sample Output
3	Alexandrescu  20000000  99999
Alexandrescu 20000000 99999	Frank  100000  50
Frank 100000 50	Andy  1  1
Andy 1 1	Andy  100  200
4	Anna  400  9999
Andy 100 200	Lipp  200  200
Anna 400 9999	Stan  500  200
Lipp 200 200	
Stan 500 200	

- |   |
|---|
| <p><input checked="" type="checkbox"/> Easy, Only basic programming syntax and structure are required.</p> <p><input type="checkbox"/> Medium, Multiple programming grammars and structures are required.</p> <p><input type="checkbox"/> Hard, Need to use multiple program structures or more complex data types.</p> |
| Expected solving time:  |
| 10 minutes  |
| Other notes:  |