

C/C++ Assignment Rules

Overview

This is a C/C++ assignment rules, **we will deduct scores according to this rule, but we will not strictly follow it all the time. In some cases, we may decide to detract more or less points based on the perceived gravity of the mistakes.**

In C/C++ assignments, **You are required to write code and reports and submit them to sakai** . We provide the standard of how we judge your assignments. There are several rules you need to follow.

Standard

Standard	Score
Lab Report	20
Output	10 (format) + 40 (correctness)
Error Handling	10
Code Style	10
Compile and Run	10
Total	100

Notice

1. We strongly recommend you to **submit your assignments before deadline** . We will **deduct 20 scores each day if you submit assignment after deadline. If you did not submit your assignment three days after deadline. You will get 0 for your assignment.**
2. Please **submit .pdf file for your report**. If you do not submit the report or submit other types file such as .doc, .docx, we will deduct 20 scores.
3. Please **submit all your source code**. If you do not submit all your source code, you will **be deducted 80 scores**.
4. No plagiarism. If we find that you have plagiarized other's code, you will get 0 scores for the assignment ; if we find that you have plagiarized more than once, you will get 0 scores for the course. BTW, because we can't identify who copied whose code, if we find that two students' code is similar, both of them will be punished.

Rules for score deduction

Compile and Run

1. **Please specify your develop environment.** TA will try his best to run your code. If you do not specify the develop environment you are using, -1 for each error.
2. If your code doesn't compile, we will deduct 10 scores.
3. If your code doesn't run , we will deduct 5 scores.
4. under the condition that your code can be compiled and run, -0.5 for each warning, -1 for each code error.

Output

1. Your code should have correct output. -20 for incorrect output.
2. If your output format is not correct. You will be deducted 10 scores.

Code Style

1. Please pay more attention to your code style. After all this is not ACM-ICPC contest. You have enough time to write code with both correct result and good code style. You will get deduction if your code style is terrible. You can read [Google C++ Style Guide](#).

Here are some bad examples.

```
1 void gao(); //bad function name
2 int a,aaa,aaaaa; //bad variable name
3 void main(){
4
5 } //bad main function
6
7         vector<int> vec;
8     vec.push_back(1);
9     for(auto& element:vec)
10     std::cout<<element<<std::endl;
11 //bad spacing
```

Error Handling

1. Please make sure your code will not crash if the input is incorrect. Your code should give some notice when the input is incorrect. Pay attention to input range and type.
2. -10 for no error handling, -5 for partial handling but incomplete

This rule will take effect from the date of publication