Coding Guidelines

Code Style

No one likes mixed styles in programs. If your indentation is non-uniform (i.e. '{' and '}') or messy (e.g. a mixture of tabs and spaces), points will be deducted. Editors can use a different number of spaces per tab indent (e.g. 4 spaces per tab). So check that your code uses only tabs or spaces for indents to avoid irregular indents on different editors.

Comments

At the top of every file you should have a comment block that states the filename and the purpose of the file, the assignment details, date, your name, login and email. Also, each function should have a comment (above) describing what the function does. Large blocks of code and code fragments that might be difficult for someone to understand should be commented and separated with a blank line to make the code easier to read. Points will be deducted if the code is not adequately commented.

Meaningful Variable Names

Variable names should reflect their use and be self-descriptive. Points could be deducted for meaningless variable names particularly if the code is hard to understand.

Compilation and Execution

If your program does not compile on banshee, you could get zero points. Check the email submit receipt for any errors to ensure that your program compiled properly and no files were omitted. If you submit again, submit all your files again, even if some were not changed. If your program does not handle the test input, (see specs) points will be deducted.

Plagiarism

Any two programs or functions where we cannot determine any significant difference will be regarded as copying and given zero points.

For further information on programming style and guidelines see Appendix A page 41 of the C++ Guide to Procedural Programming in the Week-1 Lecture notes: