Coding Guidelines

This is a work in progress. More may be added, all group members will be informed if any changes are made.

GENERAL
- All basic guidelines from labs should be followed, such as splitting all files into .h and .cpp files.

COMMENTS
- In .cpp files, comments should be added whenever needed for readability and understandability - others will be looking at your code.
- All header files should start with a comment block of the format:

```
/*****************************************************************************
***************************** (class name) ******************************
*****************************************************************************
* Author: (author name) (percentage contributed)
* Author: (author name) (percentage contributed)
*
* (class description)
*****************
**** USAGE ***
*****************
* (how to use this class)
*****************************************************************************/
```

- All functions in header files should be preceded by a comment block of the format: (unused tags may be omitted, such as @return when void is returned, or @param when there are no parameters)

```
/**
* (function name)
*
* @brief Brief description
*
* @detail If needed, detailed description
*
* @param (param name) (description of param)
*
* @param (param name) (description of param)
*
* @post (if this function modifies data, describe it here. Ex. a passed array
        gets sorted)
*
* @return (description of what is returned)
*/
```