

Notes on Homework #2 You Just Submitted (C Programming for Beginners)

You could also write all problems in one or multiple files with only one main and provide functions for each problem by giving them suitable names.

Remember that all code must have descriptive comments which describes your application, file(s), functions, and some snippet of important codes as well.

The homework template I give is just to get started and make it easier for you to submit the homework in the beginning.

Going forward you must follow these instructions. Here are guidelines for names of function and program (or code files).

Name of functions should start with lower case, also they should start with verb: get*, set*, display* etc...

For example: printArea(), or printAreaOfCircle(), or printDefaultArea() instead of a name like Single_Print, printCustomArea() instead of PI_Value_User()

Mark that first character of the function names should be lower case, and if you combine multiple words in the name, make first letter of each subsequent word upper case. It is called camel casing (like hump of camel back).

And the names of files with these functions should also match the purpose, like displayareaofcircle.c, printaddress.c etc.

You don't need camel casing for the file names.

Regarding descriptive comments--What is descriptive comments?

It is really, documentation about your application. Write comments before main function to describe about whole application, and before functions and write the purpose, name of programmer, date created, date modified. For application describe all upper-level variables if any (there should not be any global variables though). For functions also describe arguments, return values, exception etc.

Here are guidelines:

- 1) https://www.cs.swarthmore.edu/~newhall/unixhelp/c_codestyle.html
- 2) https://www.techonthenet.com/c_language/comments.php (c Style Code)
- 3) [https://en.wikipedia.org/wiki/Comment_\(computer_programming\)](https://en.wikipedia.org/wiki/Comment_(computer_programming))
- 4) <https://users.ece.cmu.edu/~eno/coding/CCodingStandard.html>

Please check a file "SampleDocumentation.pdf" in this and other modules.

Going forward I want to see these guidelines followed, otherwise you will lose points in your homework.

Please continue checking these model solutions and the concept you get can be used if needed for your next assignment.

If you had issues with any of the problems, review the sample solution and go back and correct your work. Then work on another problem where you had issues, without checking the model solution based on what you learned from first one. If you still have issues, then check the model solution.

If you continue this way would improve your coding skills. and also develop the problem solving skills and be innovative!