

Programming Assignment Guidelines

Requirements

1. If there is evidence of copying, all students involved will receive a 0 for that assignment.
2. If the program does not compile (syntax errors), the student will receive a 0 for that assignment.
3. The program must be turned in on the due date/time or the program will be considered late. There will be a 10% deduction for each calendar day the program is late.

Program Grading Criteria

1. Analysis and design of program. This is due one week prior to the assignment due date.
2. All source files must begin with an information block similar to the one below.

```
/*
*****
/* Author:          Lisa Frye          */
/* Course:          CSC135 010         */
/* Assignment:      #1                  */
/* Due Date:        February 18, 2013  */
/* Filename:        test.cpp           */
/* Purpose:         This program will  */
/*                  accept the number  */
/*                  of PCs,             */
/*                  memory, disks and  */
/*                  software and print  */
/*                  a bill of sale.    */
/* Time:            It took 1 hour to  */
/*                  write the program,  */
/*                  20 minutes to      */
/*                  get it to compile,  */
/*                  and 30 minutes to  */
/*                  test/debug it.     */
*****
*/
```
3. The program must be written using good structured form. The program should have proper indentation and white space.
4. The program must contain proper documentation. The documentation should be used at the beginning of the program, with variables, and throughout the program as necessary.
5. All program input should be validated (after we cover if statements). All output should be formatted and properly labeled. All identifiers must have meaningful names.
6. The program should make appropriate use of functions (after we cover functions). Functions should be well defined and each function should only perform one task. Each function will contain proper documentation. This documentation should include the function name, all parameters, any return value, and a description of the function's task.
7. The program must work properly, follow specifications provided, solve the correct problem, and produce the correct results.

Program grades will be calculated based on the following:

1. Number 1 above will account for approximately 10% of the grade.
2. Numbers 2 - 5 above will account for approximately 20% of the grade.
3. Number 6 above will account for approximately 20% of the grade.
4. Number 7 above will account for approximately 50% of the grade.