

Mr. Giansante



Visual Basic

Getting Assignments Marked

August 2016

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Keep in mind that when you submit a program for marking, I will try my hardest to find things that are wrong with it. To minimize the number of marks that you lose, follow the guidelines listed below.

Thoroughly test your program before you demo it to the teacher.

Make sure your program is bug-free and crashproof. If your program crashes when it is being marked, the result will be a loss of two marks (out of 10).

Have someone look over your assignment. Better yet, have several people look over your assignment.

The Form

Make sure your program has appropriate text in the titlebar (ie. set the Form's **Text** property).

Make sure your program has an appropriate icon (ie. set the Form's **Icon** property).

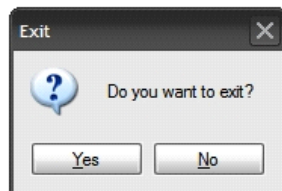
Menus

All programs should contain a **File** menu (the last item being **Exit**) and a **Help** menu (containing **About**).

Menu items should be grouped into logical sections by separator bars.

Menu commands should be accessible using access keys in a manner which is consistent with other Window applications. For example: ALT-F for the File menu, CTRL-V for Paste.

When the user selects the **Exit** command, a **MessageBox** similar to the one pictured should appear.



When the user selects the **About** command, a **MessageBox** containing the same information as the one pictured should appear



Ensure that you get the course name right and that you spell my name correctly.

Code

Ensure that your code is properly commented.

Ensure that all variables are declared and named in a logical manner. All variable values should be initialized.

Ensure that all controls are named in a logical manner and following guidelines.

Ensure that your code is indented to show structures such as loops and decision statements.

Ensure that you use spacing to effectively break up chunks of code.

Input / Output

Ensure that all input and output is done in an organized, logical and user friendly manner.

Ensure that all **ComboBoxes** have a default value.

Ensure that the user cannot type in a **ComboBox** when it doesn't make sense for them to be able to.

Ensure that **ComboBox** items are sorted when it makes sense for them to be.

Ensure that all **RadioButton** groups have a default value.

Ensure that you use **Input Validation**. For example, if you ask the user to type in a number and they type letters, your program should not crash.

Ensure that you use informative error messages.

Miscellaneous

Ensure that your program is free of spelling and gramatical errors.

Ensure that the **Tab Order** of your application makes sense.

Ensure that you use the right control for the job. For example, to display information, use a **Label** control, not a **TextBox**. If only one item is valid from a group of items, use **OptionButtons**, not **CheckBoxes**.

Ensure that you use **Error Checking** whenever an operation might cause the system to crash (ie. reading a file).