

Psychology 465

VB6 MiniAssignment #1

The purpose of this assignment is to familiarize you with the lab microcomputers, their operating systems, and the Visual Basic 6 (VB6) programming environment. In addition it should provide a "gentle" introduction to computer programming for those of you who are new to computers. The information you will need to use to write the program for this assignment are described in *The Complete Idiot's Guide to Visual Basic 6*, chapters 1 through 5. I recommend that beginning programmers work through these chapters before beginning the assignment. Note that help is not available on the working model supplied with the text.

Use any commands and objects you require to do the following:

1. Create a form that contains one command button, seven text boxes and seven labels (one for each text box).
2. Define six variables as floating point variables.
3. Write instructions to the user (displayed in one of the text boxes) to input five numbers (one into each appropriately labeled text box) and then to observe the mean of them displayed in the last text box and printed on the printer.
4. Arrange to copy the numbers entered into the five text boxes into appropriate variables.
5. Calculate the mean of the five numbers and display the mean in the last text box.
6. Print out the numbers entered by the user and their mean on the printer.

You may customize your program by personalizing it or making any other additions as long as the above 6 items are satisfied. It is also important to use REM statements (or ' in place of REM) to provide some initial information about the program, its name and purpose, programmer's name, date of creation, etc. (the TAs will give more explicit information about this), and also information about different sections of the program, what they do and how, etc. A well-documented program is much easier to understand, both for another user and for yourself after a period of time. Make sure that you liberally comment this program and all others you write for this course.

Things to think about or play with:

1. What happens if you define the variables as integers?
2. What happens if you type a word in one of the number text boxes?
3. What happens if you don't clear the text boxes?
4. What happens if you don't send a "Printer.EndDoc" command when you print something (don't actually do this!)?