

Psychology 465

VB6 MiniAssignment #2

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 move you along in your development into a skilled and knowledgeable programmer! The information you will need to use to write the program for this assignment is described in *The Complete Idiot's Guide to Visual Basic 6*, chapter 6. I recommend that beginning programmers work through this chapter before beginning the assignment. Note that help is not available on the working model supplied with the text. Also note that from now on the miniassignments will become increasingly less well-specified, leaving more room for thought and creativity.

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

1. Create a form that contains an appropriate number of relevant objects.
2. Define several string variables and several integer variables.
3. Write instructions to the user to input his or her last and first names separated by a comma into the appropriate text box, input his or her best guess as to the number of neurons required to represent a single English letter in his or her own brain into another, and then to observe an output somewhere on the form.
4. Arrange to copy the name and number entered into string variables and then transform the number (only) into an integer number.
5. Extract the user's last name and find its length (Hint: use the comma).
6. Multiply the number of neurons guess by the length of the last name and display the result, along with the user's name (first name and then last name separated by a space), in an appropriate comment somewhere on the form.

You may customize your program by personalizing it or making any other additions as long as the above 6 items are satisfied. Remember to liberally comment your program.

Things to think about or play with:

1. What happens if you don't convert the number string into an integer before multiplying?
2. Could you find the last name if you didn't have a comma?
3. What's wrong with printing on the form?
4. How long a string can you store in one string variable? What happens if your string has more characters than that?