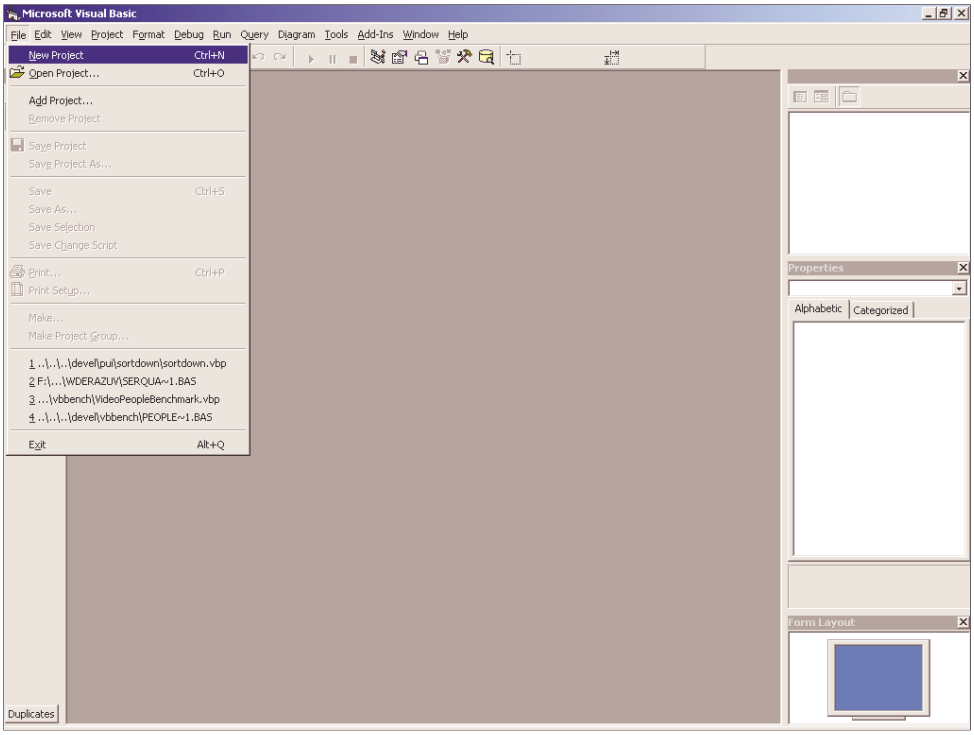
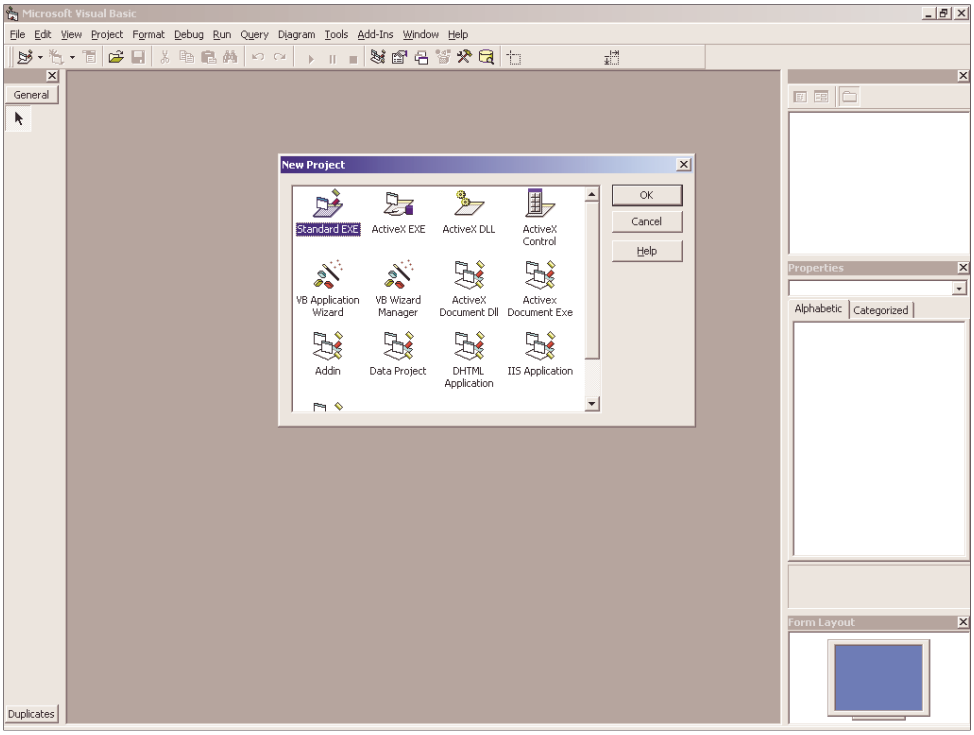
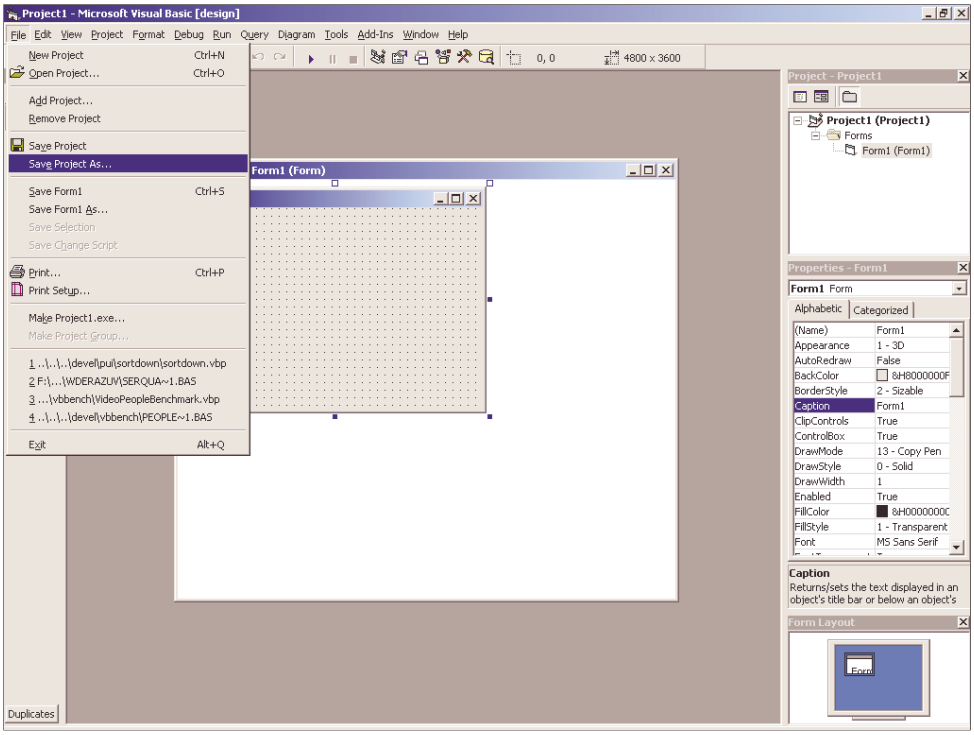


Create a new project. File -> New Project



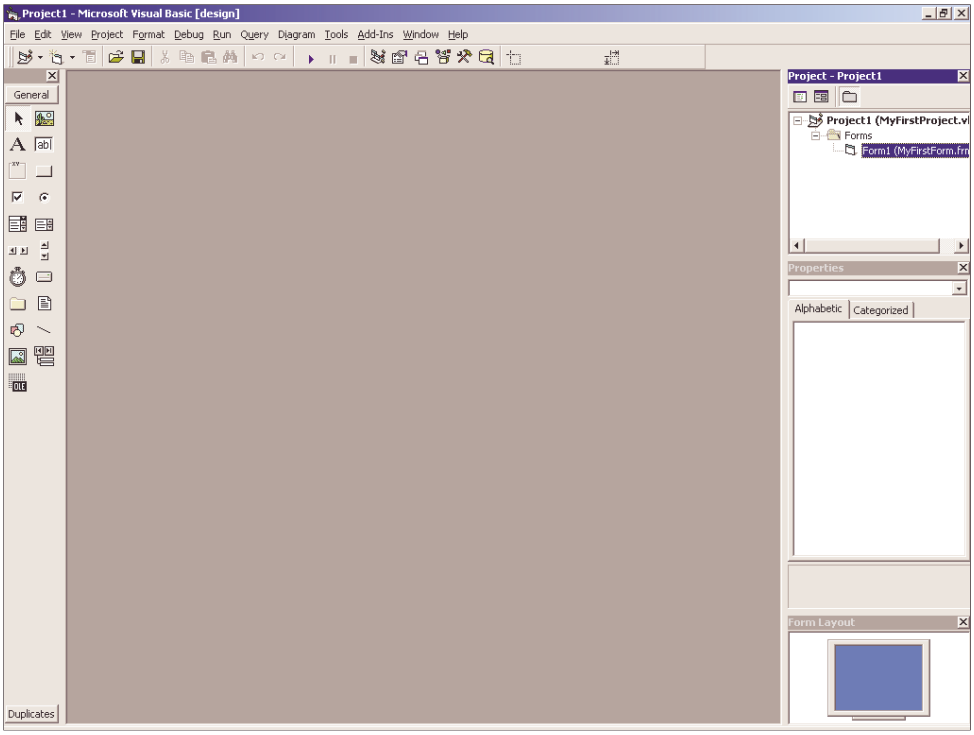
Choose a standard executable.



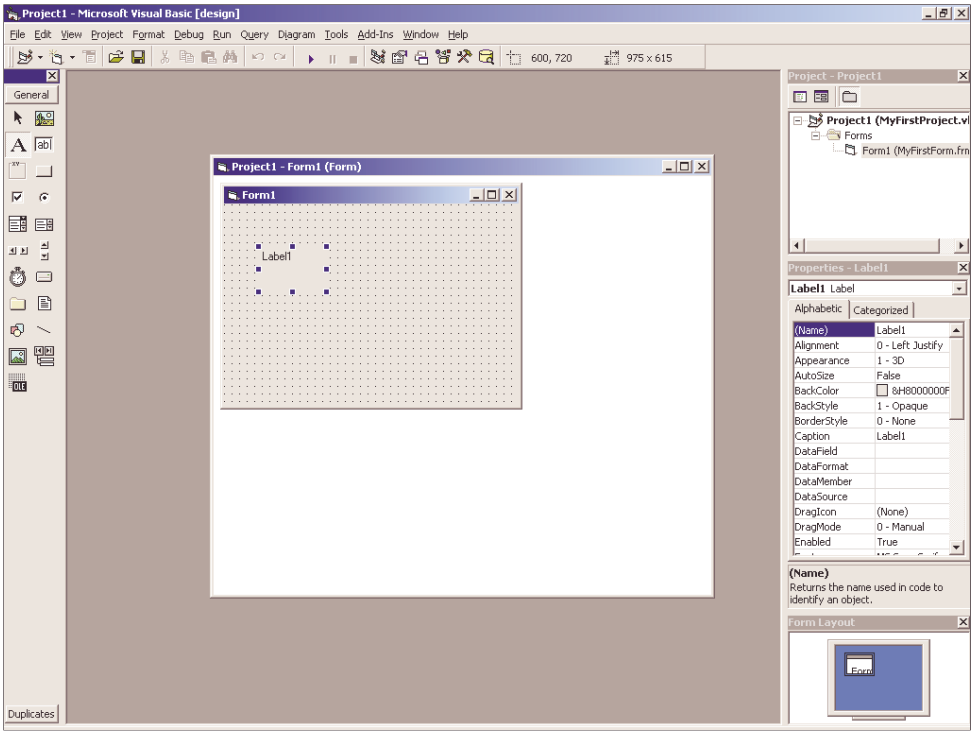
You'll now have a blank form. You should probably save it right away, giving it a name.

Create a directory for your project. Select File->Save Project As. Save your files in your directory.

It will ask you to name your form (MyFirstForm.frm) and your project (MyFirstProject.vbp).

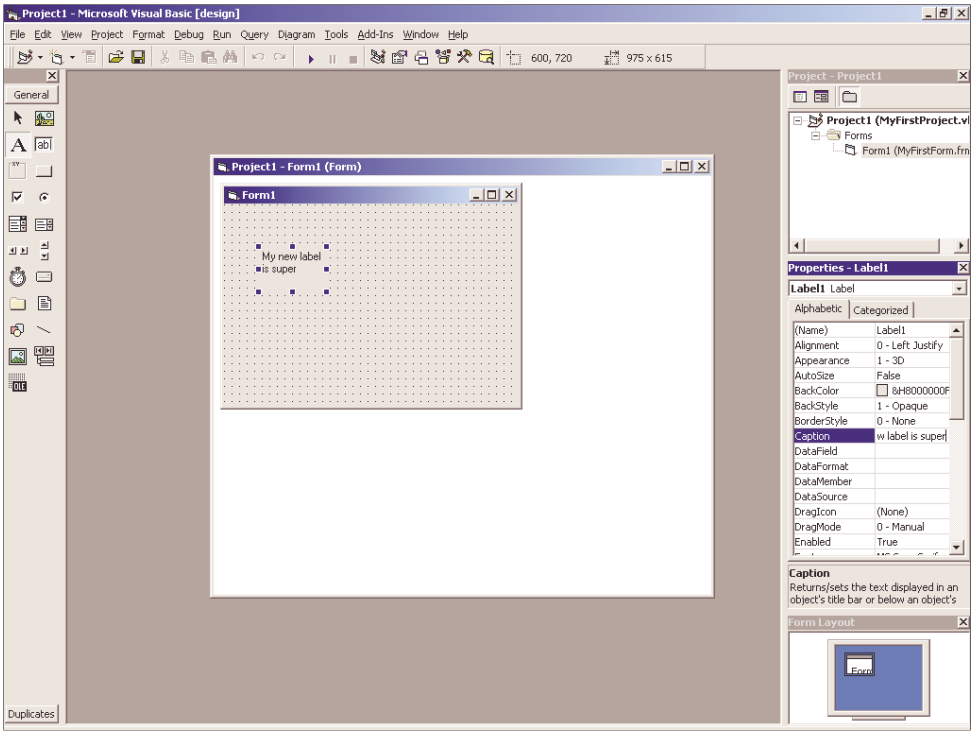


If you close your form, you can reopen it from the Project Explorer in the upper right corner of your workspace.

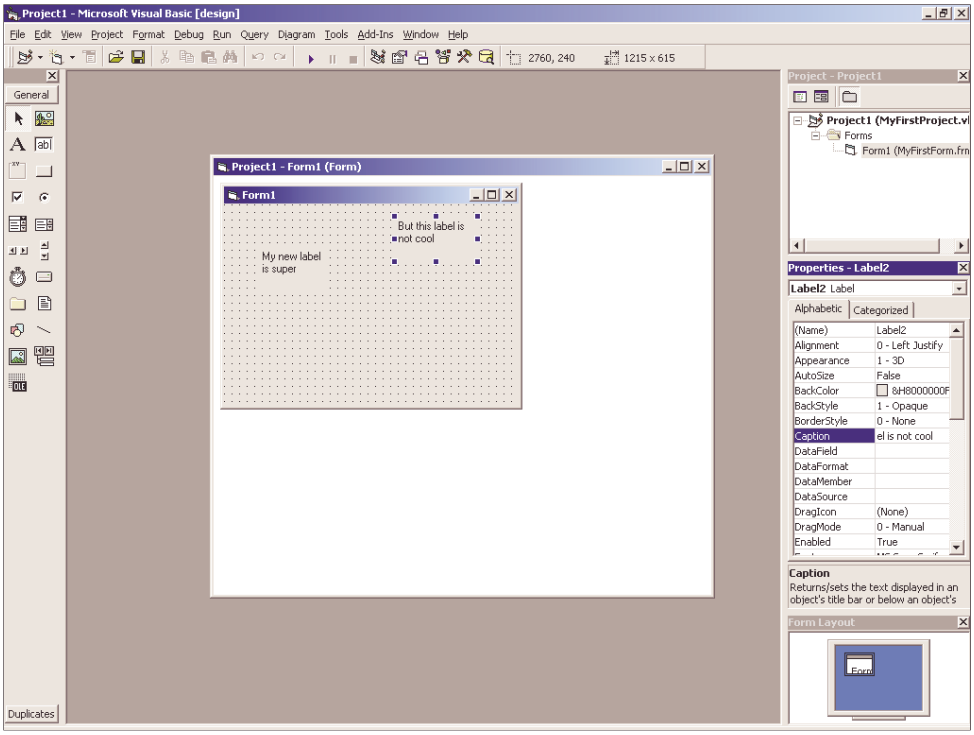


Select the text tool from the toolbox and place a label on your form.

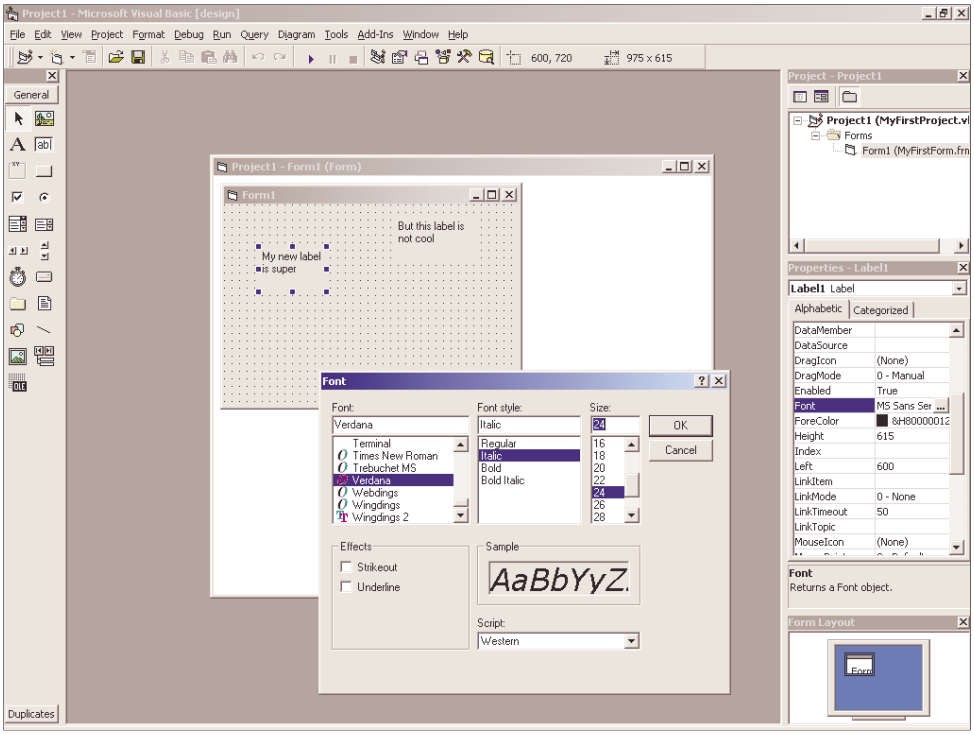
If your toolbox is not visible, select View->Toolbox.



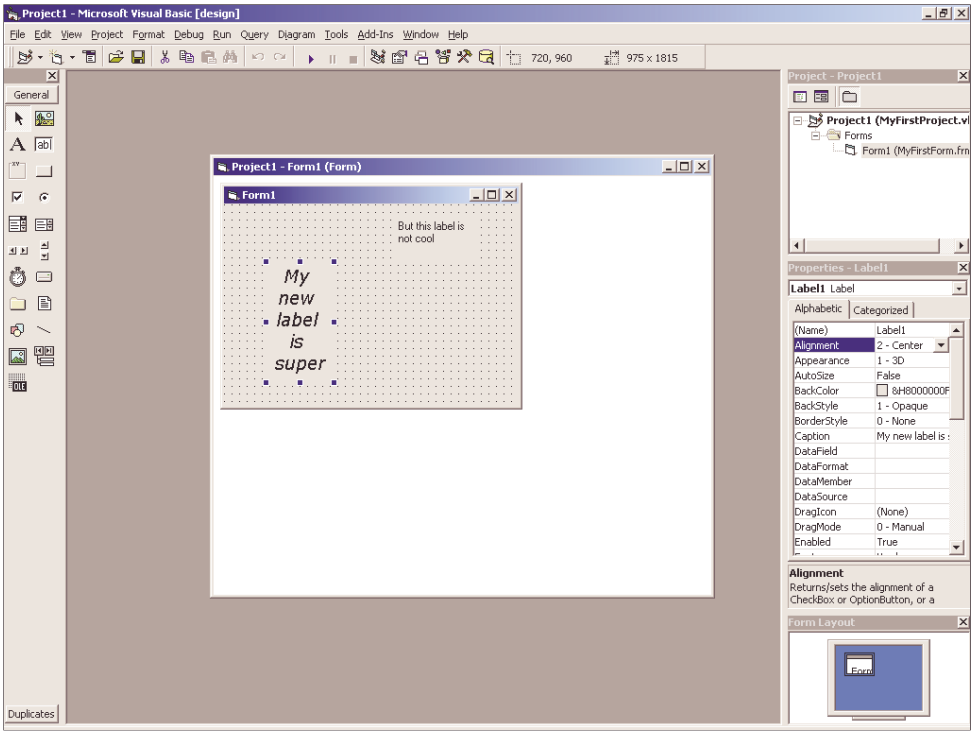
Change the text in your label by editing its “Caption” property.



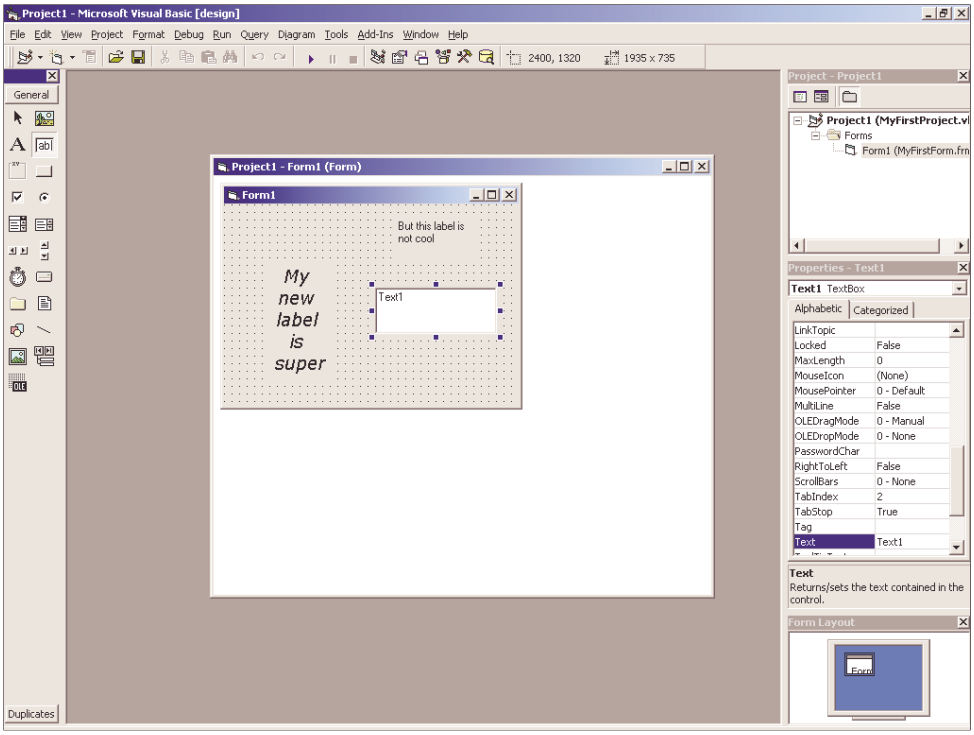
Create another label, changing its text too.



We can change the Font of our first label by changing its Font property.

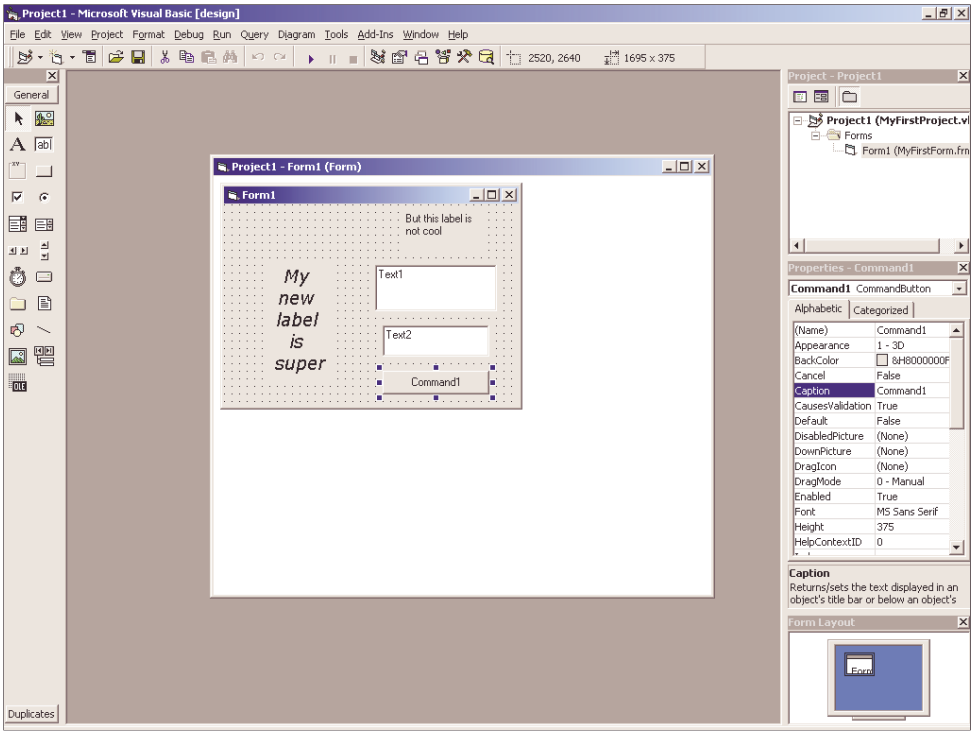


Add a little alignment change to help make it super!

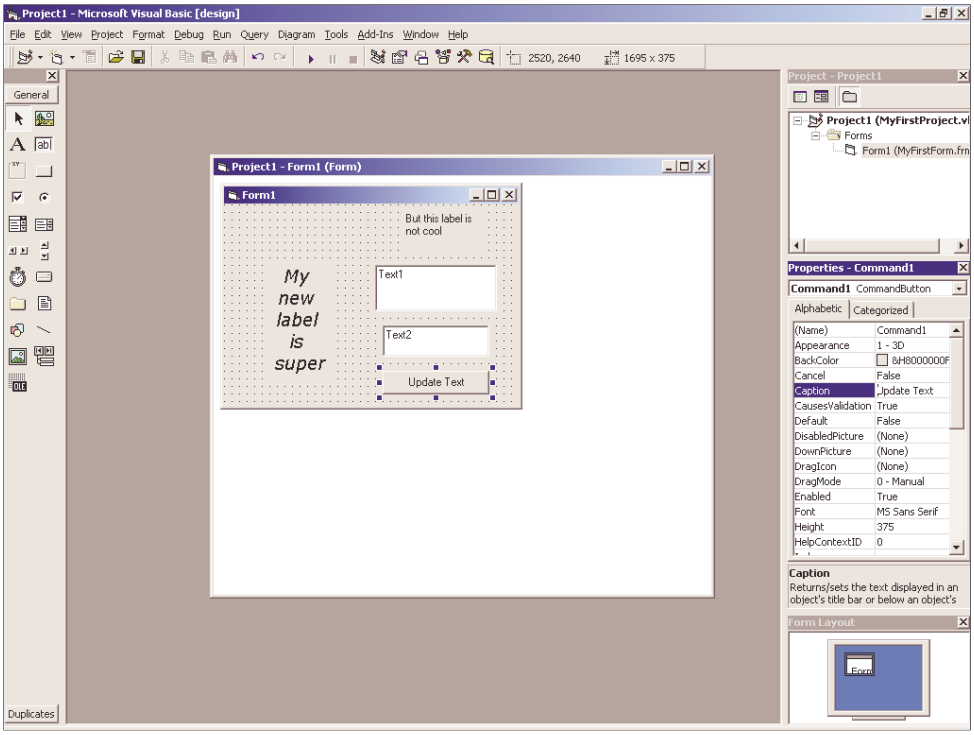


Creating a textbox is just like creating a label.

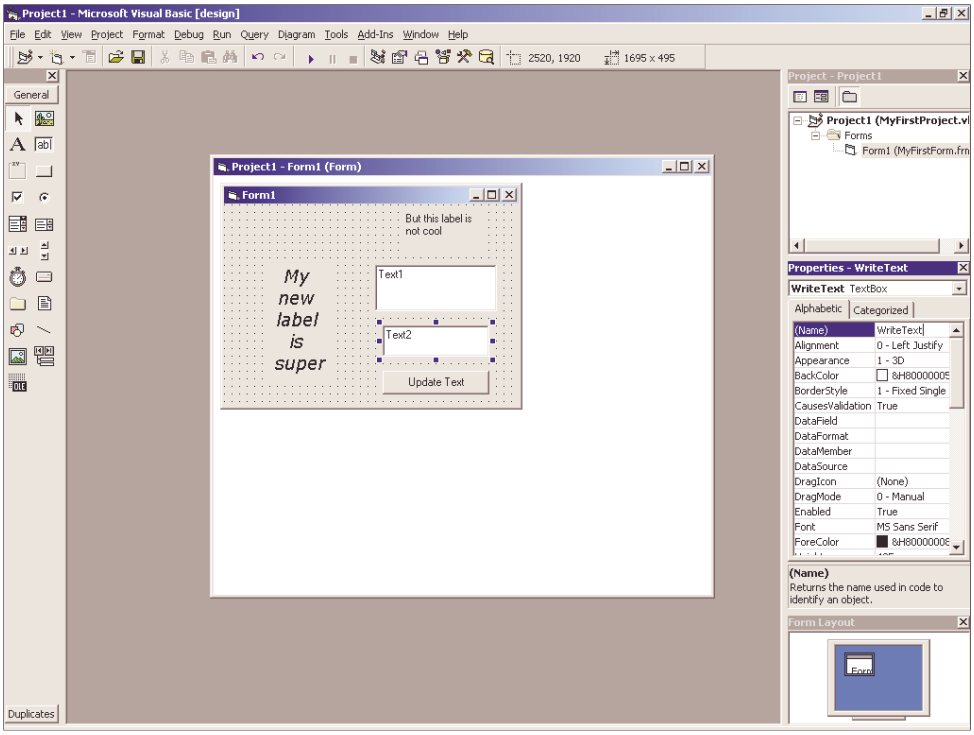
By default a text field is only a single line. You can change this with the Multiline property.



Add another text box and a button.

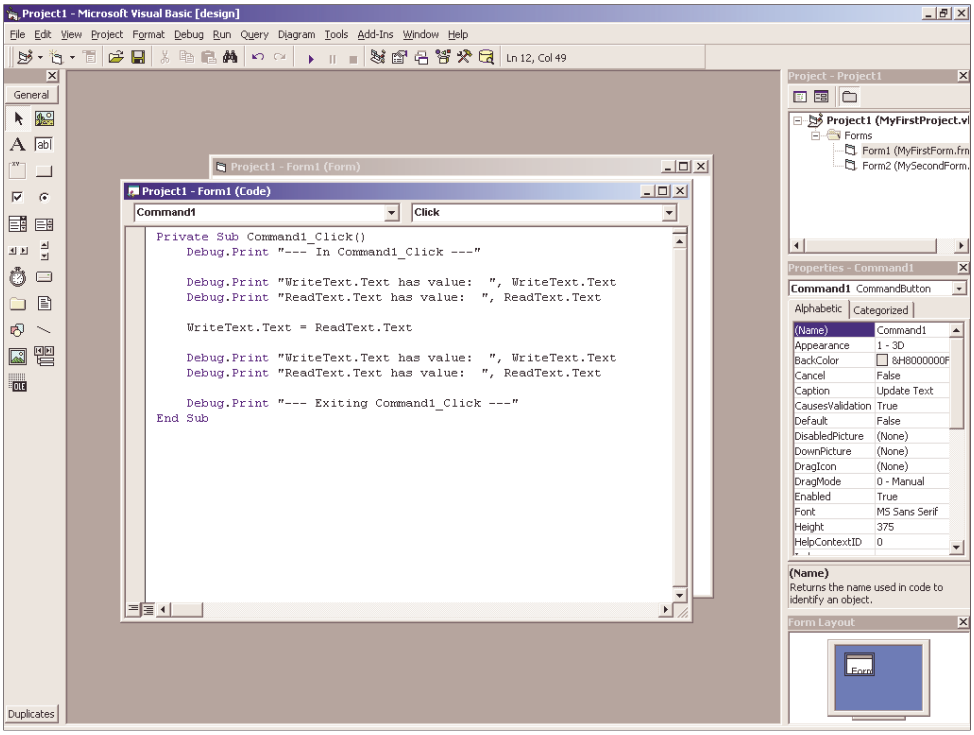


Change the caption on your button.



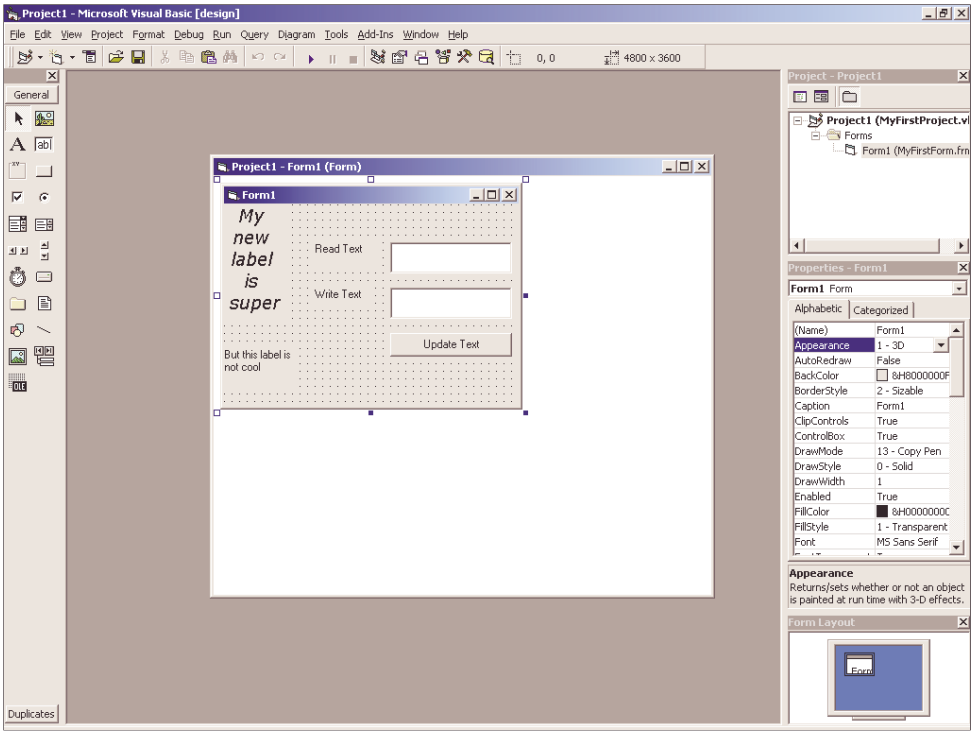
We are going to refer to our text fields programmatically, so we should give them meaningful names. Lets call them “ReadText” and “WriteText”.

Note this is not the text in the text field that we’re changing (that is the Text property). This is the name we use to refer to that text field. Lets set the Text Property to a blank string while we’re here.

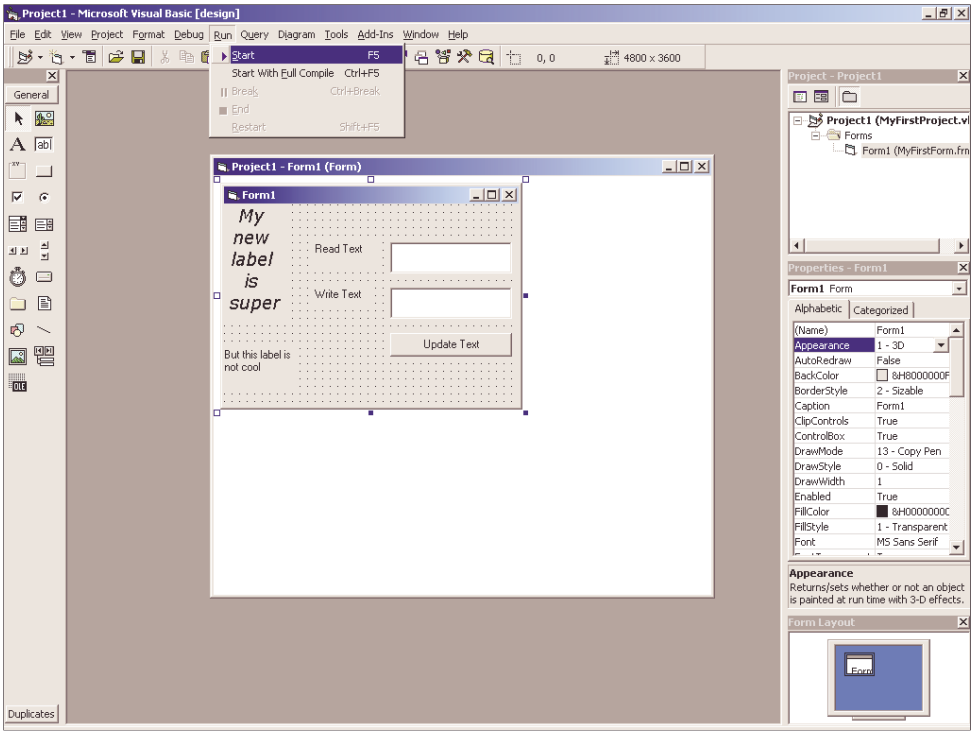


Double click on the command button to bring up its event handler. Add a simple script that sets the value of the WriteText box to the text currently in the ReadText box.

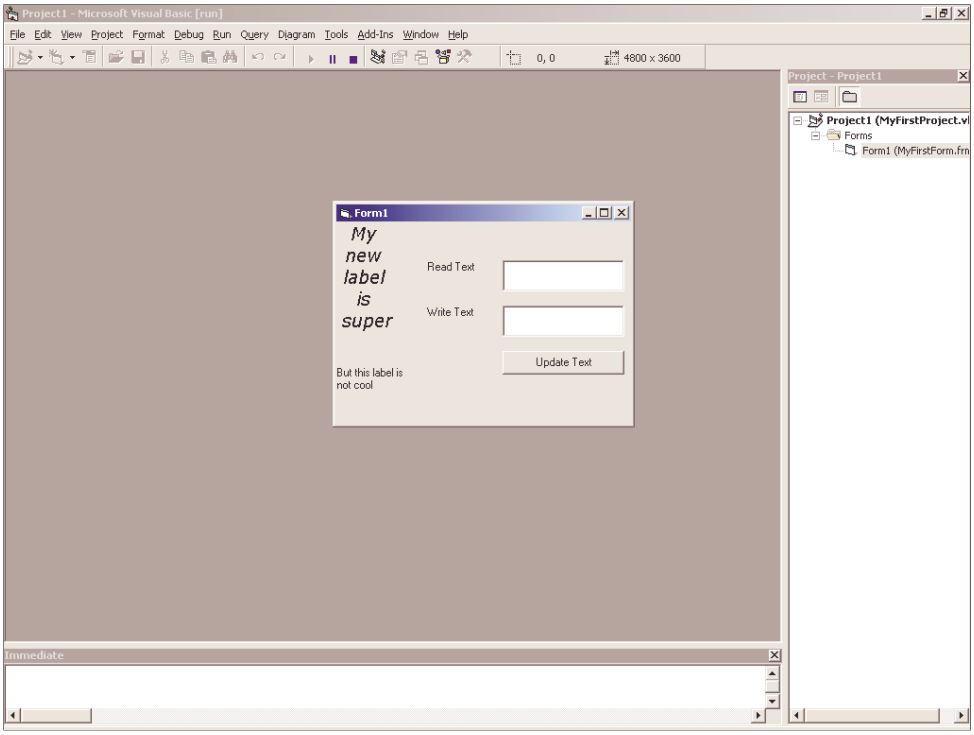
Note the Debug.Print statement. This can be very helpful in keeping track of what your program is doing, so that you can understand why it isn't working.



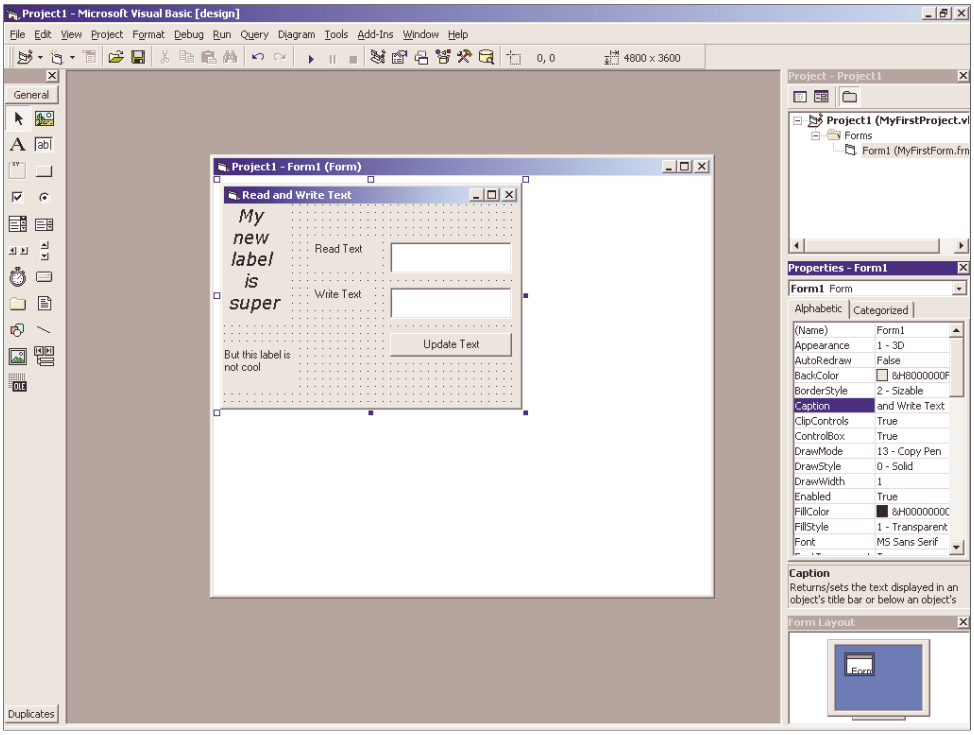
Lets clean up our layout a little bit and put simple labels on our text boxes.



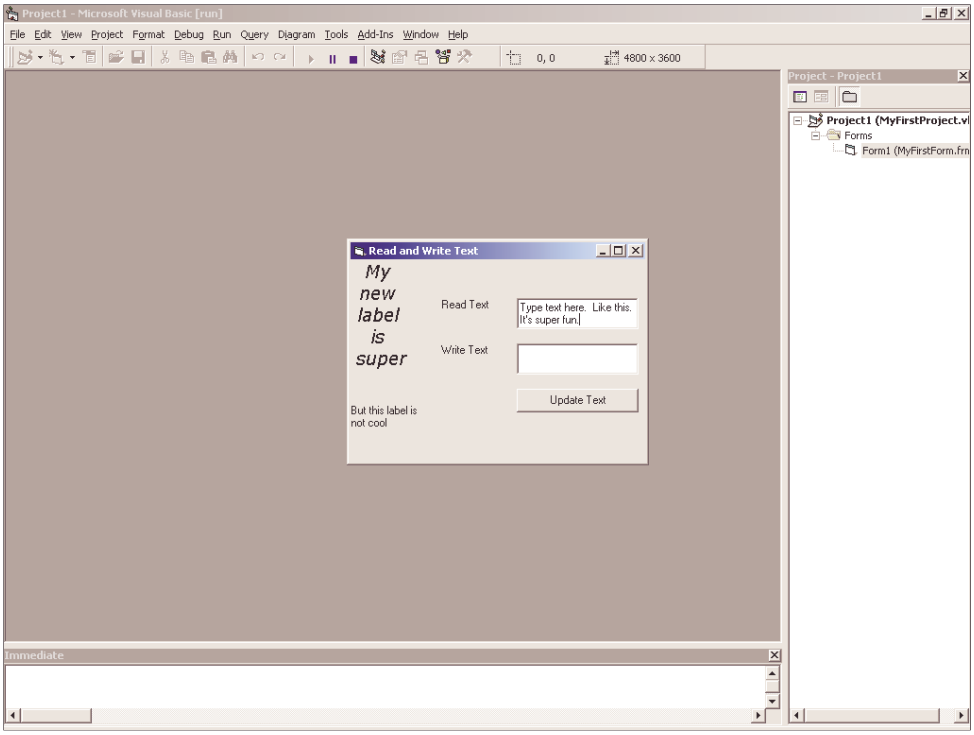
We can run our program with the Run->Start command.



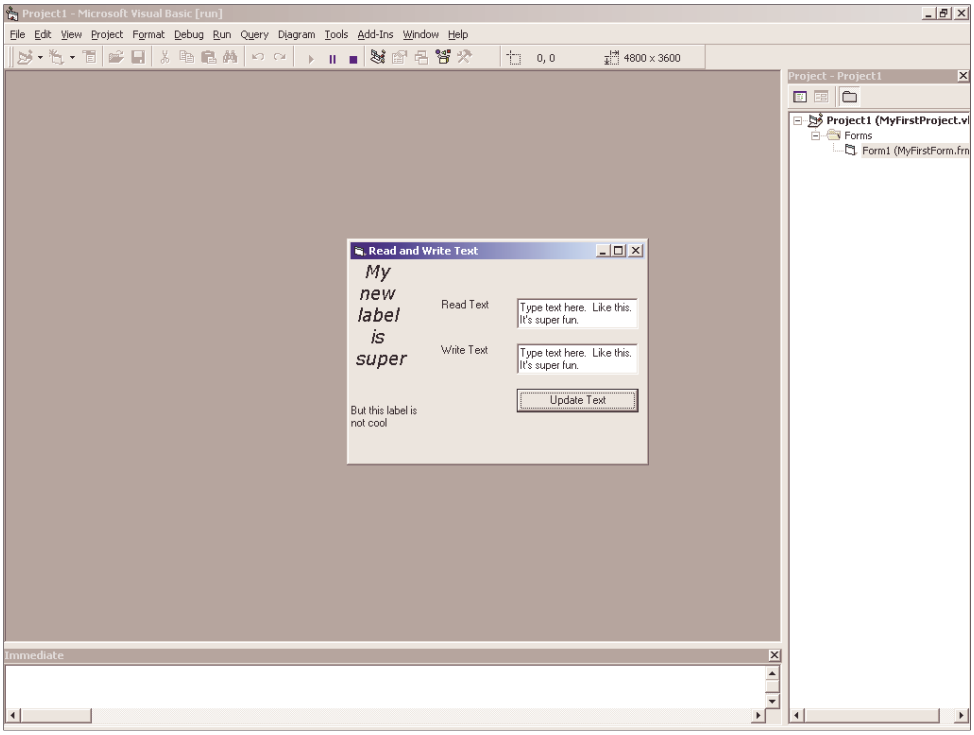
We should fix that lousy window name “Form1”.



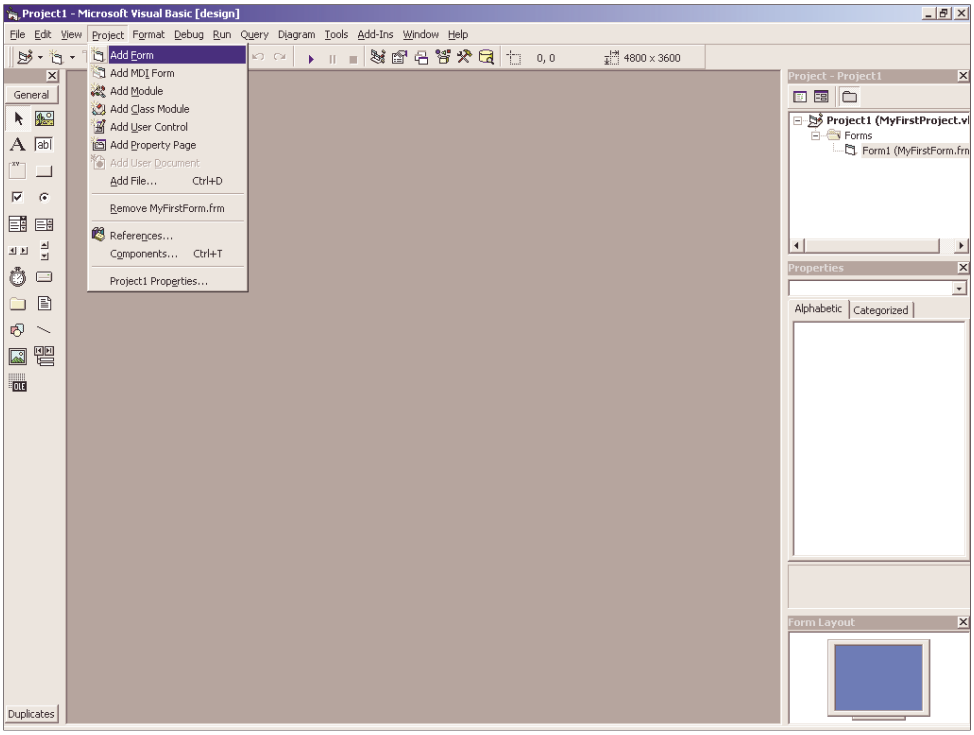
It’s the Caption property on the form.



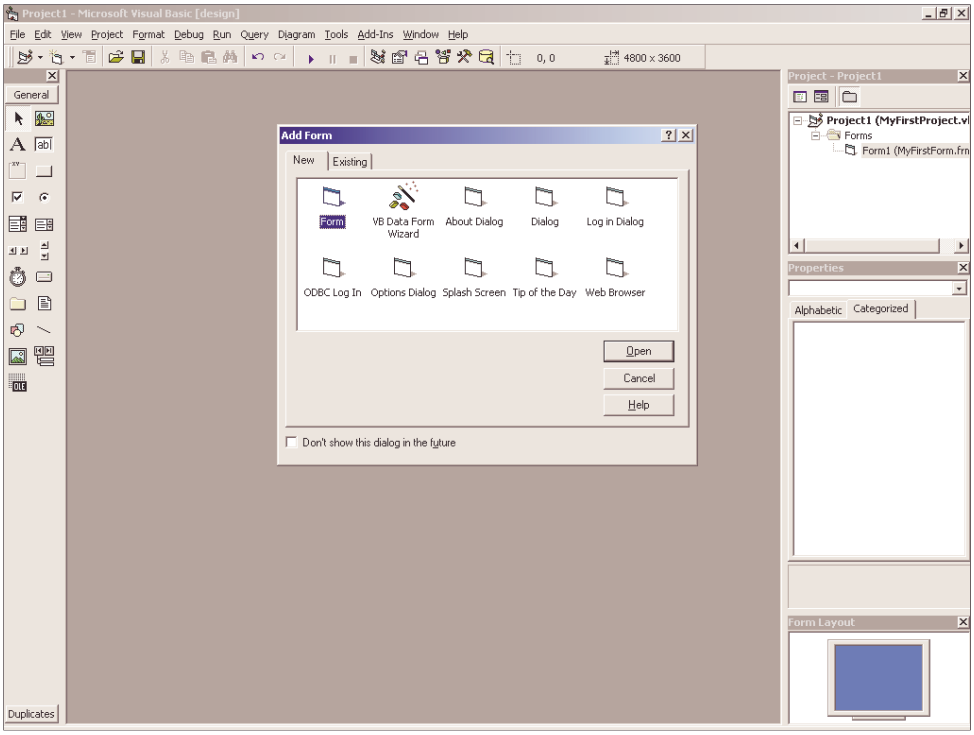
Now we can type text in the top box.



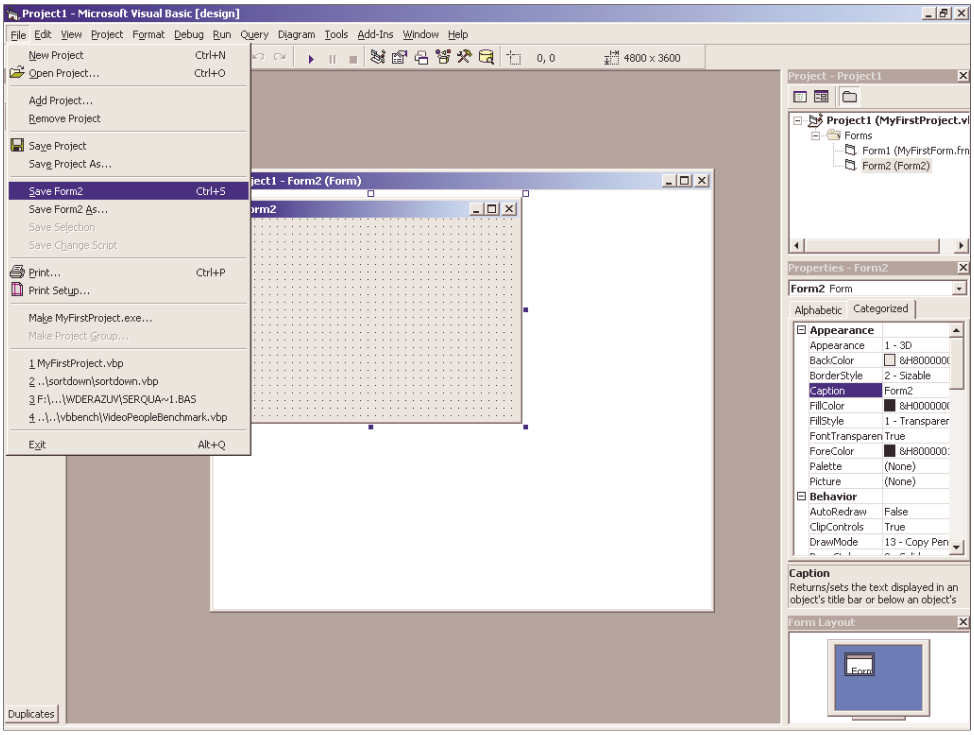
Click the button and the text is copied into the other box.



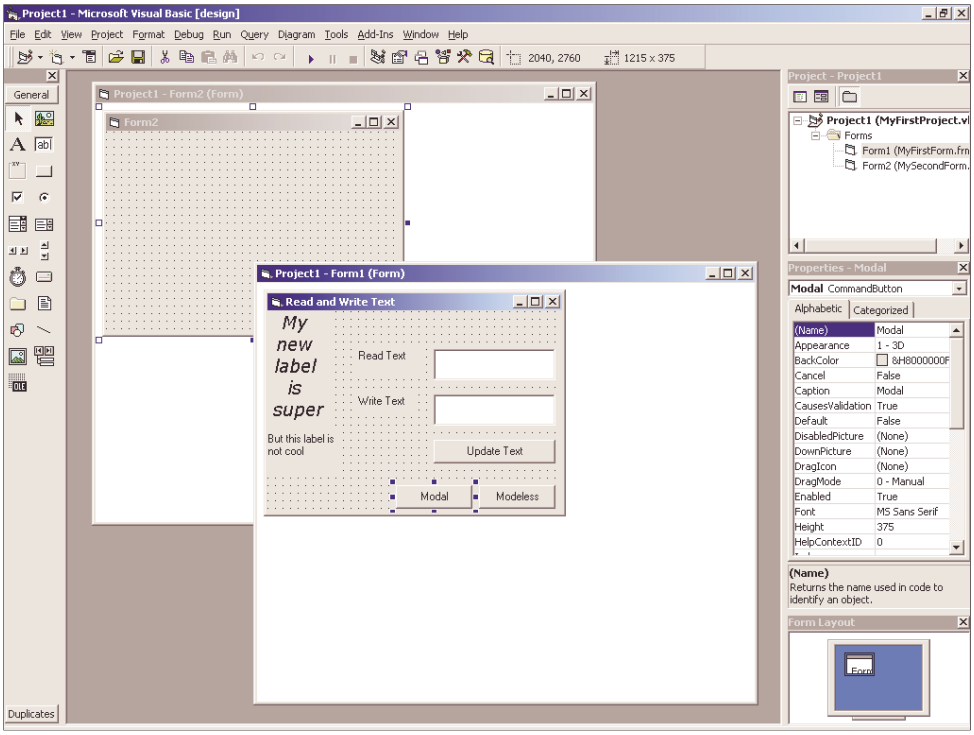
Now we will add a second form to our project.



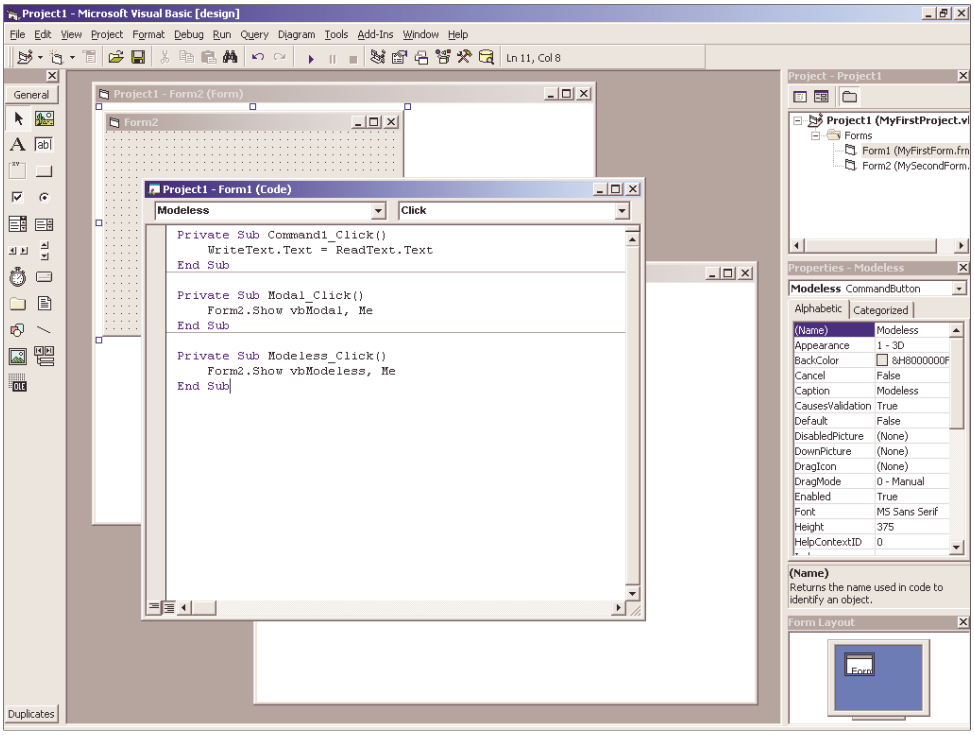
Use the standard “Form” type.



Save the form, giving its file a meaningful name (MySecondForm.frm).

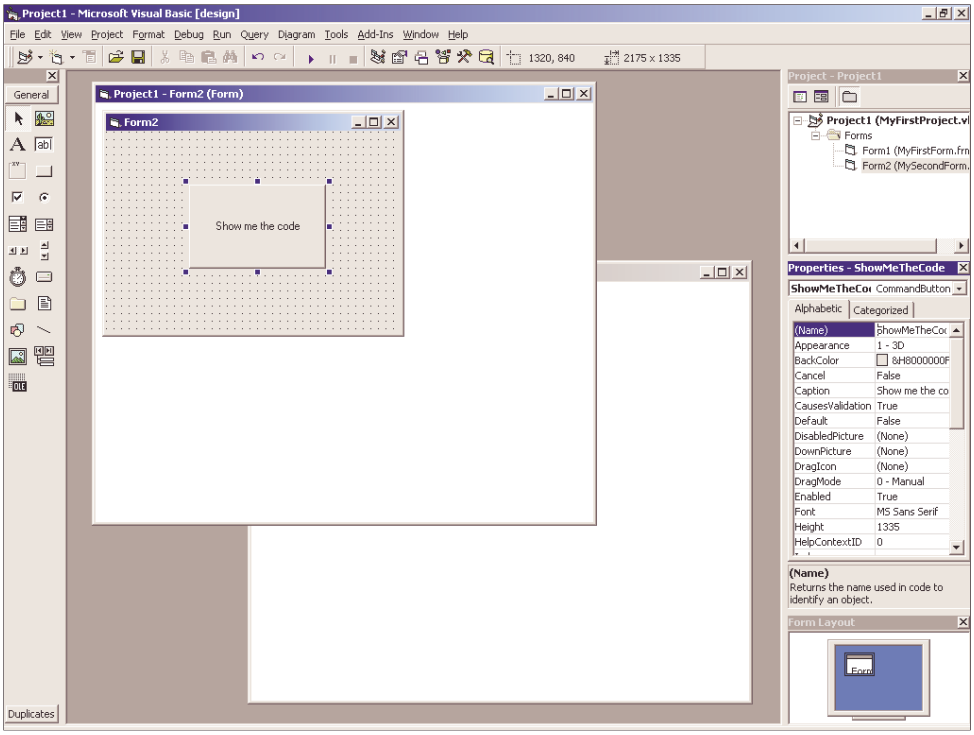


We're going to open this second form from our first form. We'll have two buttons for opening it. We'll call these buttons "Modal" and "Modeless", setting the (Name) property and the Caption property of each button.

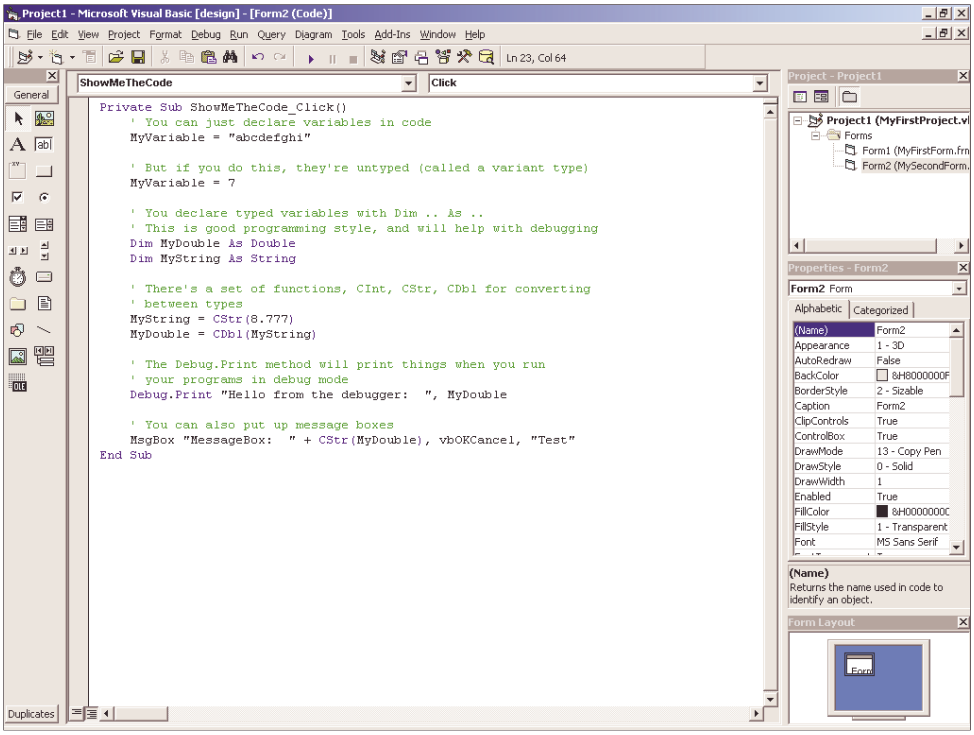


Double clicking on Modal and Modeless will give us event handlers. We'll have Modal call the Show method of Form two with the vbModal parameter. Modeless will call with the vbModeless parameter.

Note that Me indicates that Form1 is the parent form for Form2. Its kind of like the this keyword in other languages.

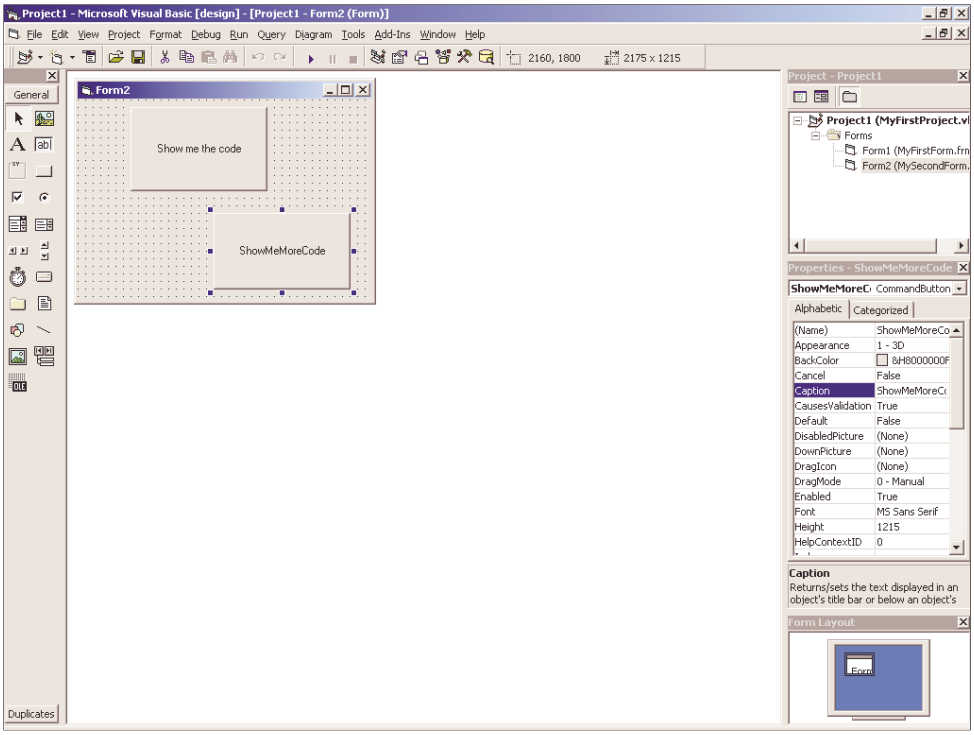


We'll put a button on Form2. We'll just be using this button to illustrate some things about how to code in Visual Basic.

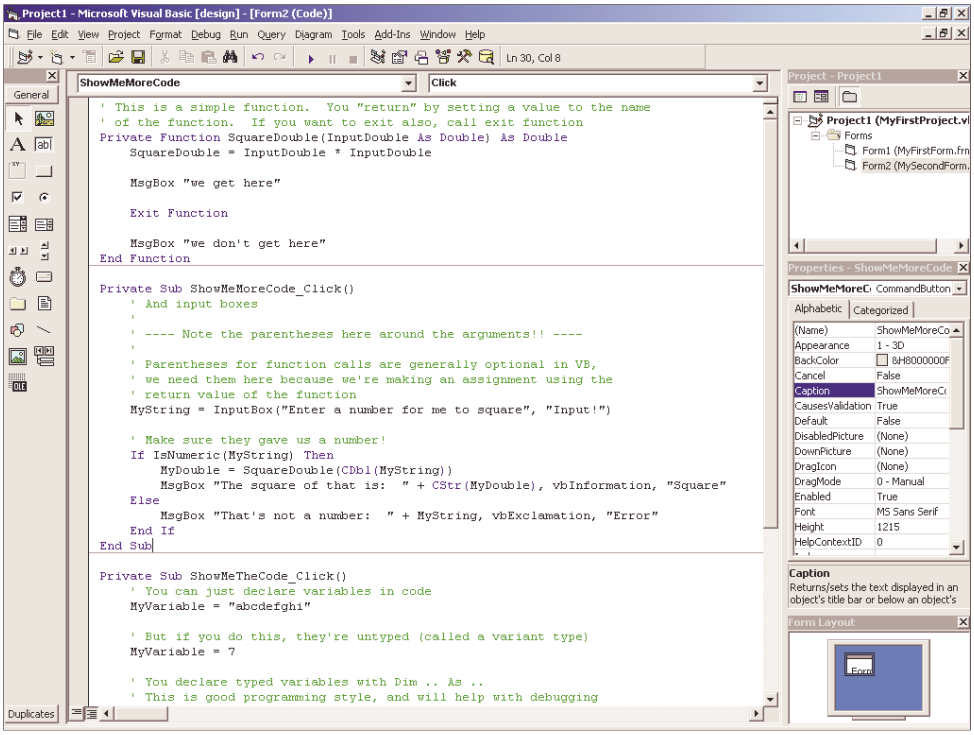


Variables in VB by default can store any value you put in them. So the same variable can store the String “cat”, the Integer 7, or the Double 4.33. But you would be responsible for keeping track of what is in a variable.

So you can instead declare your variable to be a particular type, such as String, Integer, or Double.



Another button for us to put some more code in.



We have defined the SquareDouble function here. Given a double as a parameter, it squares that double and returns the value. Note the weird VB syntax, we don't return a value. We instead set the name of our function to a value.

Note the IsNumeric function. It is a pretty hard problem to determine if a String contains a text representation of a number. Luckily, this, like most everything else you will want to do, has already been written for you.