The goal here is to see the difference between byRef and byVal. Remember byRef impacts the original.
If you follow the logic through the calling of the procedure, the return and the calling of another procedure, you can see the differences.
This is a program that puts the new element I am adding (150 Oracle) in the right place in the array. I will post this program later.
This is to show what is happening. I first had it commented out.

Adjusts the elements in both arrays to keep them in sync and to order them.
I have a module that determines the grade and a module that defines fields. I also have two forms. The first one takes in the grades and displays on the second form.
Looking at a menu and two forms program under week #7 current version.
I am inserting a couple of shots of the menu since I did not end up capturing them in class. The order may be a little off and I apologize.

This is the menu strip I dragged over - could have dragged it to here.
You can then set up the menu and after it is set up, click on the menu item to then write the code that will be executed when the menu button is clicked.
I did this two ways. The way in `mnuGrades3_Click` is the way the book shows and it allows for multiple instances of the same object. The one in `mnuGrades4_Click` does not establish instances of the form and so you cannot generate multiple forms.

Note that in both examples I am putting data in text boxes on a second form.
Looking at another example with multiple forms.

When I create an instance of the form than I can create many forms. Without that step I am limited to one.

This is modeless but without the creation of the instances so I am writing always on the same form - the form!

Note that modal requires you leave the second form before you can work with the first form again. Modeless does not have that requirement.
Here in modeless I have the dim to create an instance of the object and so each execution uses a different form.
The last slide did not show the code well. Here you can see I set up an instance of the object.
So now the next click of modeless gets me another instance of the form.
Here is something I experimented with. I will upload it later as well - it is a real draft!

This will make a context menu that can be associated with the form. When I right click on the form, it will come up. A few slides from now I will associate it with the txtans field.
Clicking on the menu item gets me a sub where I can put the code to execute.

Item is the menu and Item1 is the context menu. I really could use better names.
Now when I right click on the text box I will see the menu.