# Overview

In this exercise you will modify the **Orders.dbv** program that you created in [Exercise – 1](Exercise%20-%201.docx). You will introduce Synergy Windows to the application. The approach you will take is to convert the existing terminal I/O functions to use their Synergy Windows equivalents.

# Resources

* [Synergy Best Practices - Coding Standards](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Tims%20Best%20Practices%20-%20Standards/Synergy%20Best%20Practices%20-%20Coding%20Standards.docx)

# Exercise

1. Using Visual Studio, open the previously created “Orders” project.
2. Using Visual Studio, open “Orders.dbv”.
3. Add a new line to your data division, which says .include “WND:windows.def”. This syntax is a requirement for using Synergy Windows routines. We will discuss the .INCLUDE syntax in the next module.
4. Modify the pInit routine, adding code to initialize the Synergy Windows system, and to create a window. We will be using a maximum of 5 windows at any one time.
5. Modify the pEndInit routine to delete the above-created window, and close down the low-level windows system.
6. Remove the existing code from the pProcess routine, and add code to display a welcome message in a Synergy Window. The steps you need to take are:
   * Display a message into the window.
   * Place the window onto the screen.
   * Perform some input.
   * When the input has been performed, remove the window.
7. Compile, link, and run the application.

# Discussion

When you run the program, the behavior should be similar to the previous exercise, but with the message contained in a Synergy Window. When you are creating and placing the window, attempt to set the coordinates so that the window appears to be centered on the screen.