# Overview

In this exercise you will modify the **Orders.dbv** program that you created in [Exercise – 1](Exercise%20-%201.docx). You will be adding statements to the data division to define two records. These records will, in future exercises, be used to hold the details of orders that the program will process.

# 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. In the data division, define a new RECORD called Header. This record will eventually be used to hold header information about an order. The fields of the header record should be as follows:

**Field name Data Type Size Precision Description**

OrderNumber Decimal 6 Order number

CustomerCode Alpha 8 Customer account code

OrderDate Decimal 8 Order date

OrderPlacedBy Alpha 20 Order placed by

SalesRepCode Decimal 4 Sales rep code

1. In the data division, define a new RECORD called Detail. This record will eventually be used to hold the details of individual line items on an order. The fields of the detail record should be as follows:

**Field name Data Type Size Precision Description**

OrderNumber Decimal 6 Order number

ItemNumber Decimal 4 Item number

PartNumber Alpha 10 Part number

QuantityOrdered Decimal 5 Quantity ordered

UnitPrice Implied-D 8 2 Unit price

1. Compile, link and run the program.

# Discussion

The program still doesn’t actually do a great deal. You should still expect to see the same STOP message that you did in [Exercise – 1](Exercise%20-%201.docx).