# Overview

During this exercise you will create an input window in your “**Demo.wsc**” script file. The input window will present the fields from the EMPLOYEE structure, and allow the user to enter data for an employee record. We will need to provide the field attributes as well as the field locations, and prompts.

# Resources

* [Synergy DBL Language Reference](https://www.synergex.com/docs/index.htm)
* [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)
* [Traditional Synergy in Visual Studio - CU Wiki](http://echo.cu.net/cuwiki/Traditional_Synergy_in_Visual_Studio)
* [Traditional Synergy in Visual Studio Common Terminology - CU Wiki](http://echo.cu.net/cuwiki/Traditional_Synergy_in_Visual_Studio_Common_Terminology)
* [Debugging (TSVS) - CU Wiki](http://echo.cu.net/cuwiki/Debugging_(TSVS))

# Exercise

To complete this exercise you should complete the following steps, in the order shown:

1. Using Visual Studio open your “**Demo.wsc**” script file, and create a new input window with a name of “STTEmpdtl”, a title of “Employee Details”, and a size of 22 rows by 80 columns.
2. Add all of the fields from the EMPLOYEE record, with the following field attributes.

**Employee I.D.**

Description: Employee I.D.

Prompt: Employee I.D.

Info Line: Enter or select an employee I.D.

Break: Yes

Required: Yes

Range: Minimum 1, Maximum 9999

**First Name**

Description: First name

Prompt: First name

Info Line: Enter the person’s first name

Required: Yes

**Last Name**

Description: Last name

Prompt: Last name

Info Line: Enter the person’s last name

Required: Yes

**Gender**

Description: Gender

Prompt: Gender

Info Line: Select the person’s gender

Selection: Window

Entries: Male, Female

Enumerated: Yes, Length 6, Base 0, Step 1

**Department**

Description: Department code

Prompt: Dept

Info Line: Select a department code

Selection: Window

Entries: Administration, Human Resources, Marketing, Sales, Shipping

Enumerated: Yes, Length 15, Base 1, Step 1

**Payment Type**

Description: Payment type

Prompt: Paid

Info Line: Select how this employee is paid

Default: 1

Break: Yes

Selection: Window

Entries: Annual Salary, Hourly rate

Enumerated: Yes, Length 13, Base 1, Step 1

**Annual Salary**

Description: Annual salary

Prompt: Salary

Info Line: Enter this employee’s annual salary

Format: $$$$$$$.00

Range: 1000 – 999999

**Hourly Rate**

Description: Hourly rate

Prompt: Rate

Info Line: Enter this employee’s hourly pay rate

Format: $$$.XX

Range: 4 – 99

**Office E-Mail Address**

Description: Office E-mail address

Prompt: E-mail address

Info Line: Enter an e-mail address

**Telephone Extension**

Description: Telephone extension

Prompt: Extension

Info Line: Enter the employee’s internal telephone extension

**Date Employed**

Description: Date employed

Prompt: Employed

Info Line: Enter the date employment commenced

Format: MM/DD/YYYY

Default: Today

**Job Title**

Description: Job title

Prompt: Title

Info Line: Enter the employee’s job title

**Location**

Description: Office location

Prompt: Location

Info Line: Select an office location

Selection: Window

Entries: Chicago, Houston, London, New York, Milan,

Montreal, Oslo, Sacramento

Enumerated: Yes, Length 15, Base 1, Step 1

**Employee Address**

Description: Street address

Prompt: Street

Info Line: Enter the employee’s home address

**Employee City**

Description: City

Prompt: City

Info Line: Enter the employee

**Employee State**

Description: State

Prompt: State

Info Line: Enter the employee’s home state

Uppercase: Yes

**Employee Zip Code**

Description: Zip code

Prompt: Zip

Info Line: Enter a ZIP code

User Text: ZIPCODE

Format: @@@@@@@@@@

**Employee Phone Number**

Description: Home phone number

Prompt: Phone

Info Line: Enter a phone number

Format: ZZZ XXX-XXXX

**Employee E-mail Address**

Description: Home e-mail address

Prompt: Home e-mail

Info Line: Enter the employee’s home e-mail address

1. Modify the “**Employee.def**” file with any new information (for readability).
2. Compile the script.
3. Compile, link, and run the application.

# Discussion

Again, this is a complex exercise, which should be approached in small parts.