OCX driver (USB)

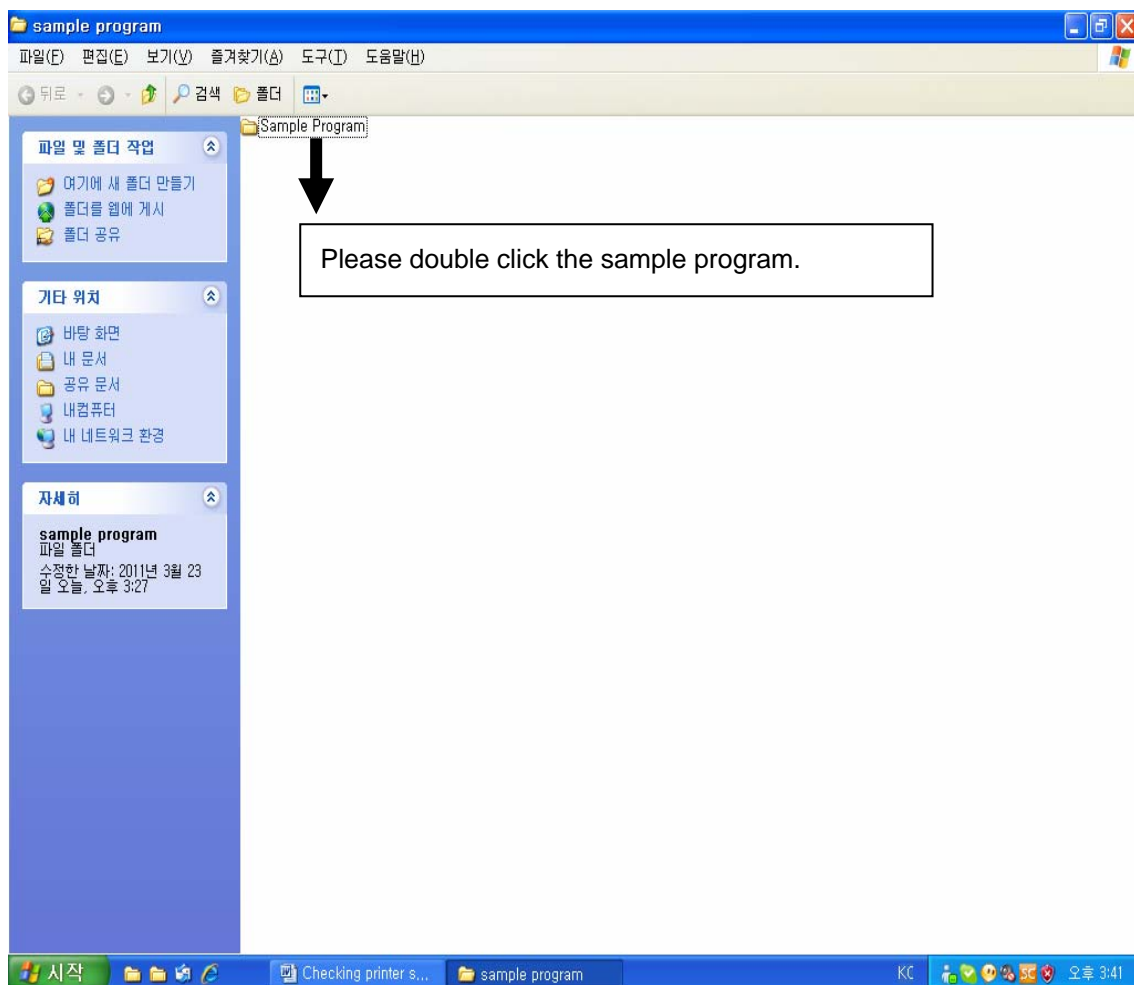To check the printer status via OCX driver,

First, you should install the ocx driver.

Second, you should change the model number in the program provided.

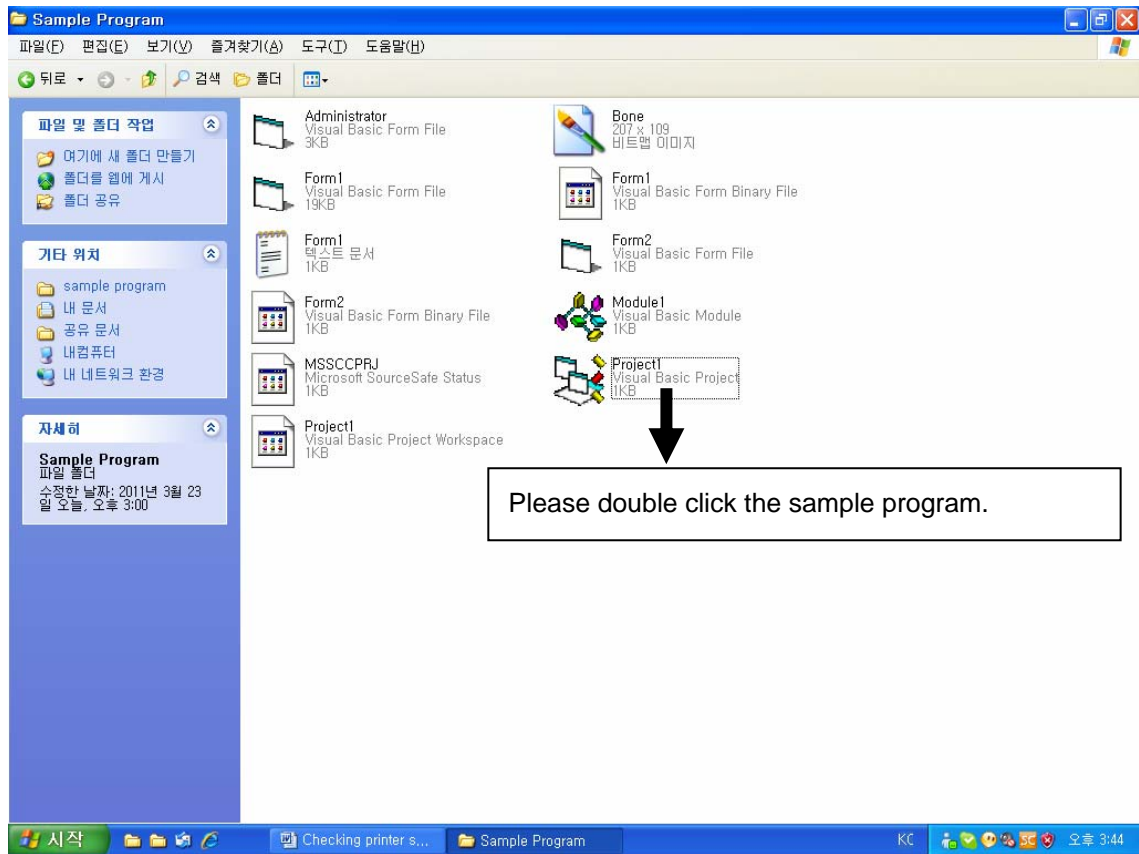Well, let's take a look at the way how to install the ocx driver first.

1. How to install the ocx driver.

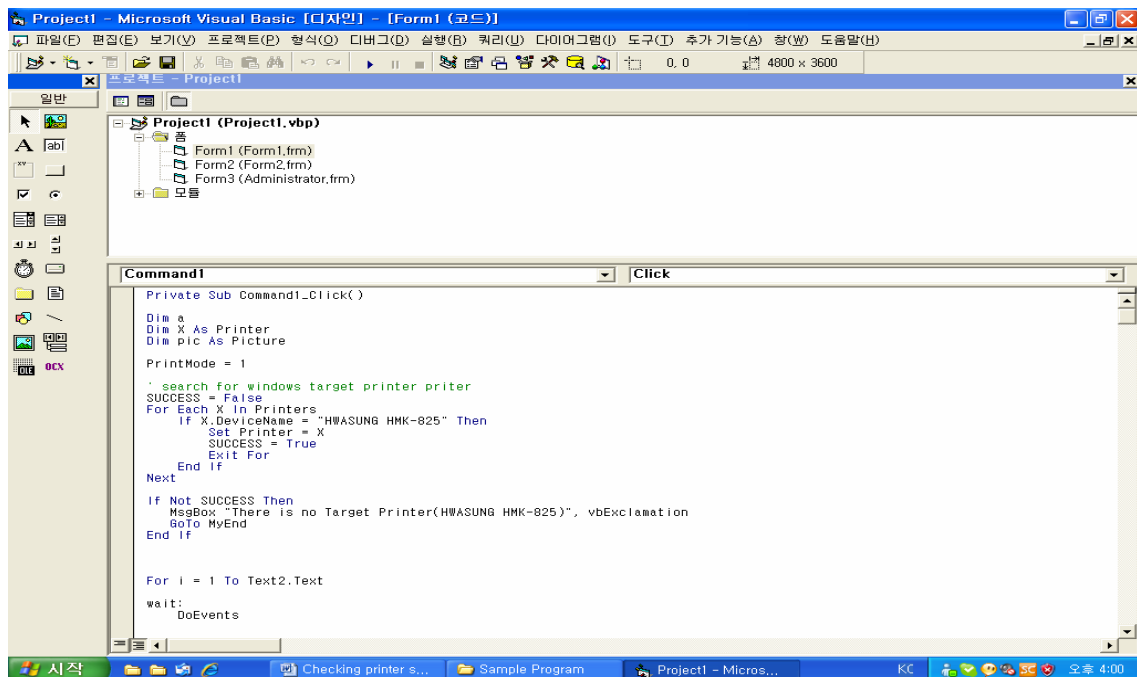1.1. Please double click the sample program as below.

1.2. Please double click the file (project1.vbp) as below.
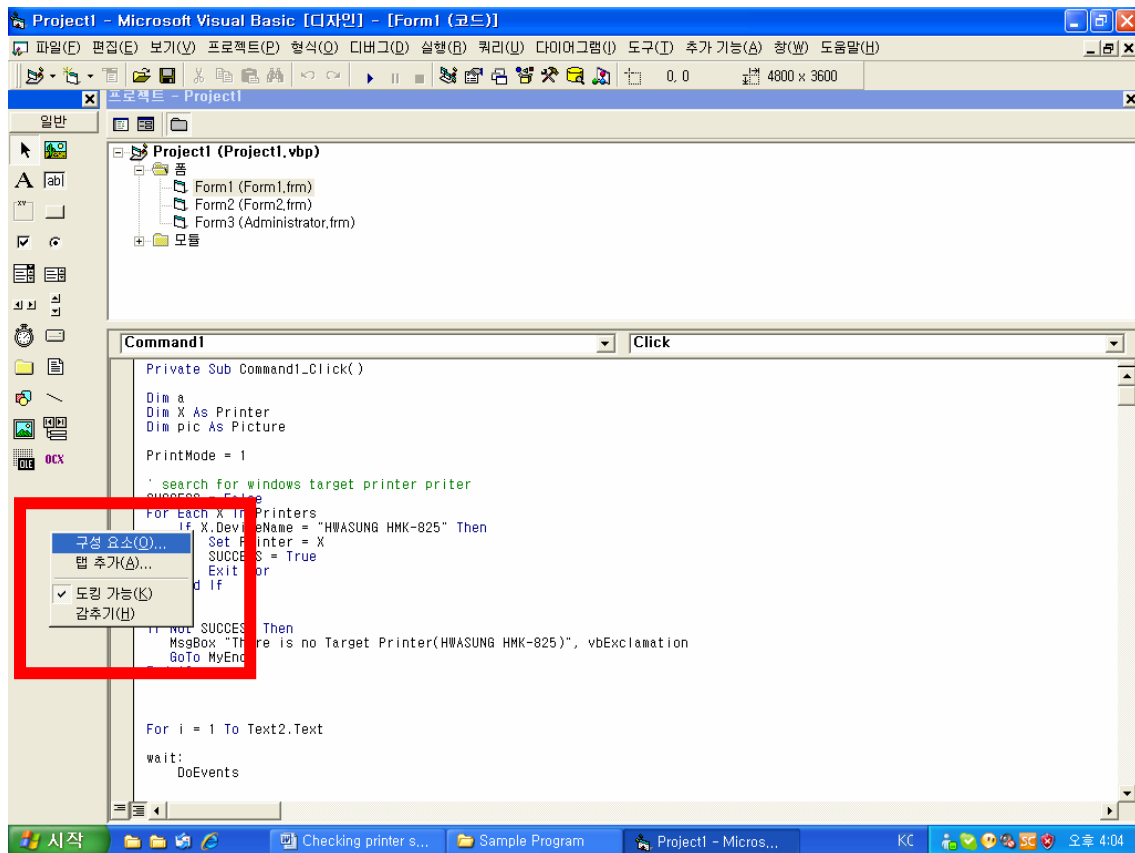
Notice : You should have the visual basic program.

Please double click the sample program.

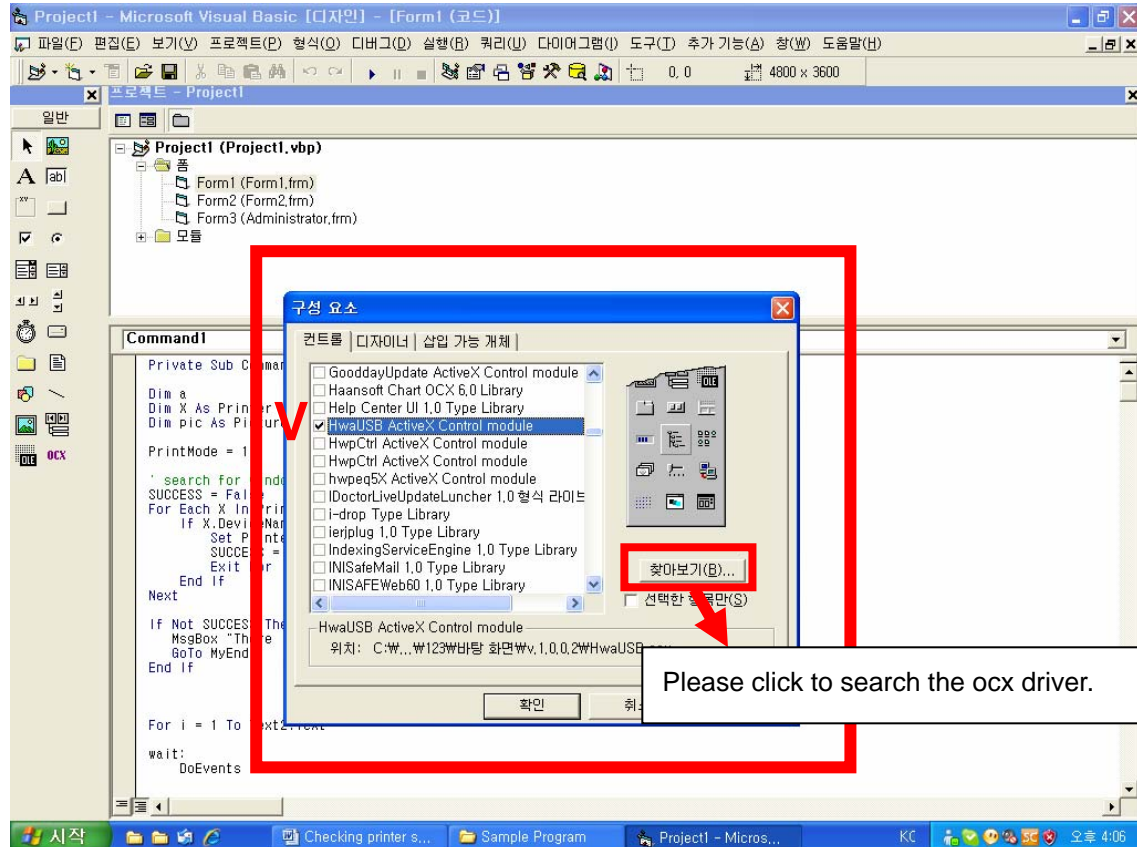1.3. Then you can see the screen as below.

1.4. Please click the right button of mouse, and you can see the box is highlighted Red.

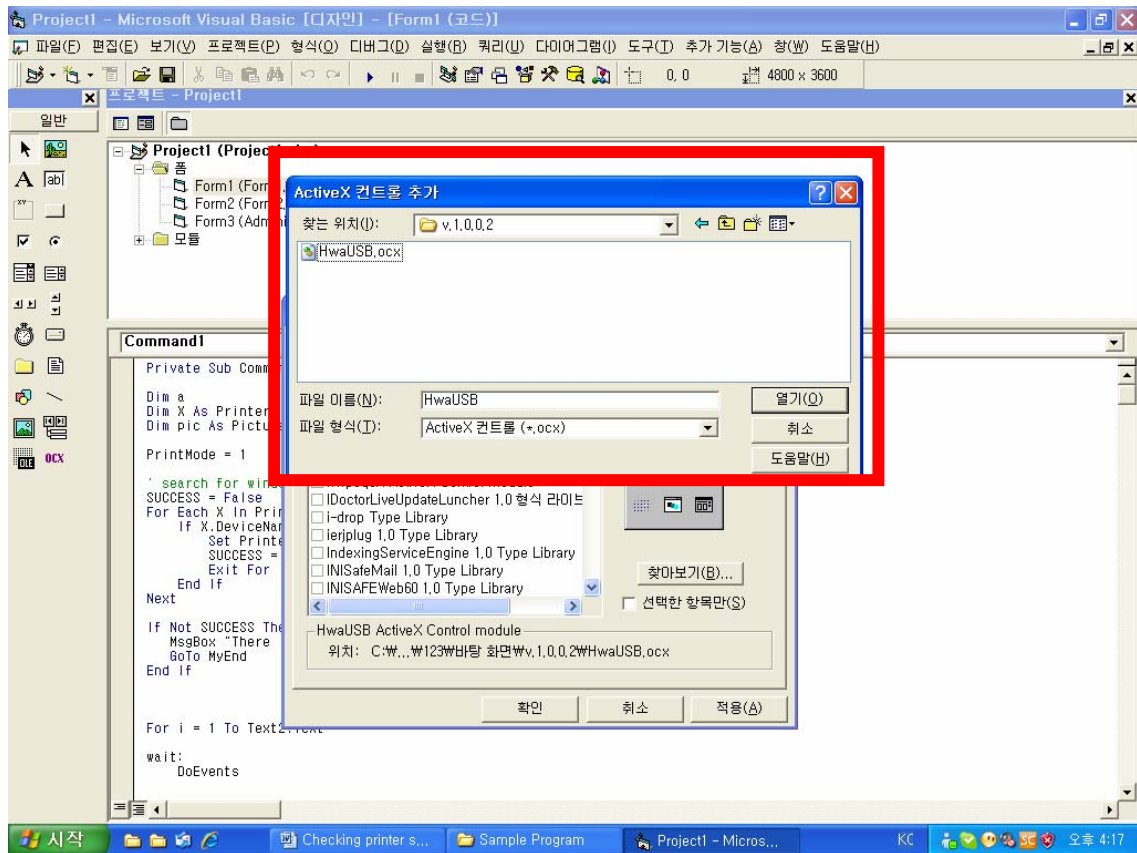1.5. Then you can see the box is highlighted in Red as below.

Please make sure that HwaUSB ActiveX Control module is ticked.

Please click the search as the image below.
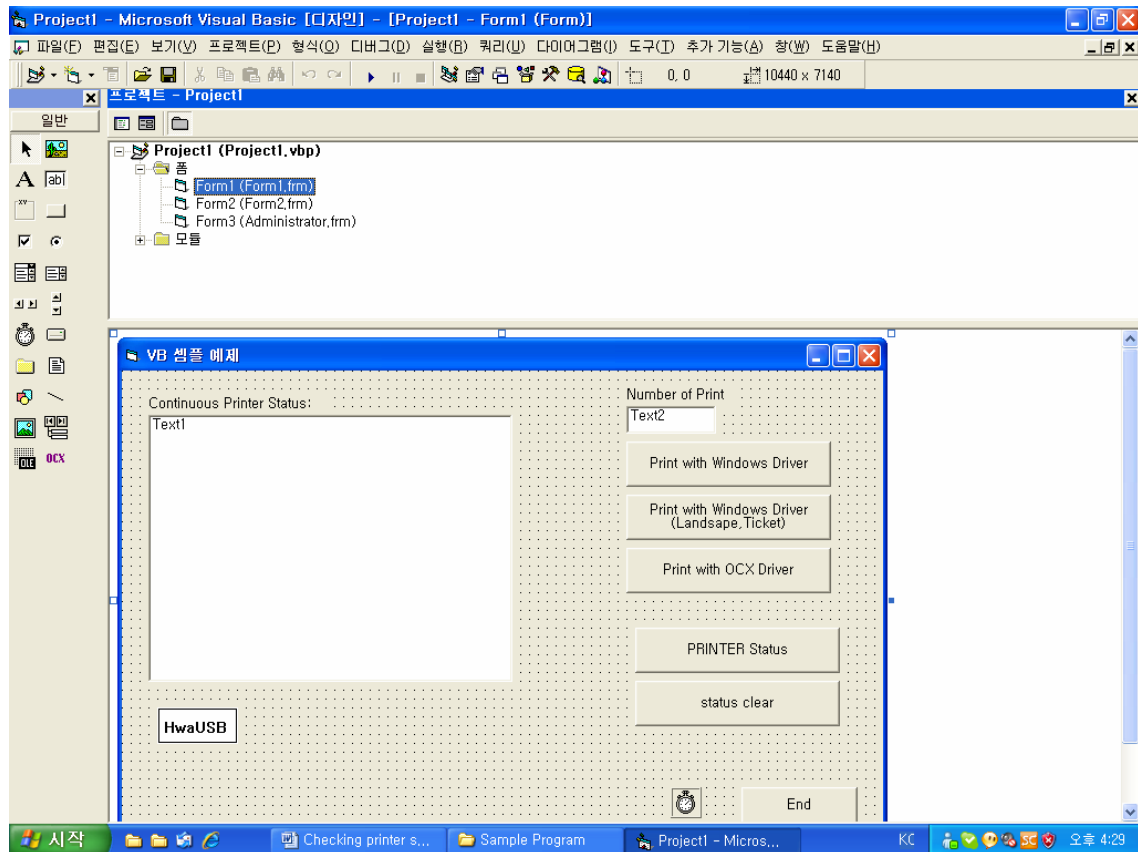

Please click to search the ocx driver.

1.6. Please search the ocx driver you want to install. Please refer to the image as below.

Then you have completed the installation of ocx driver.

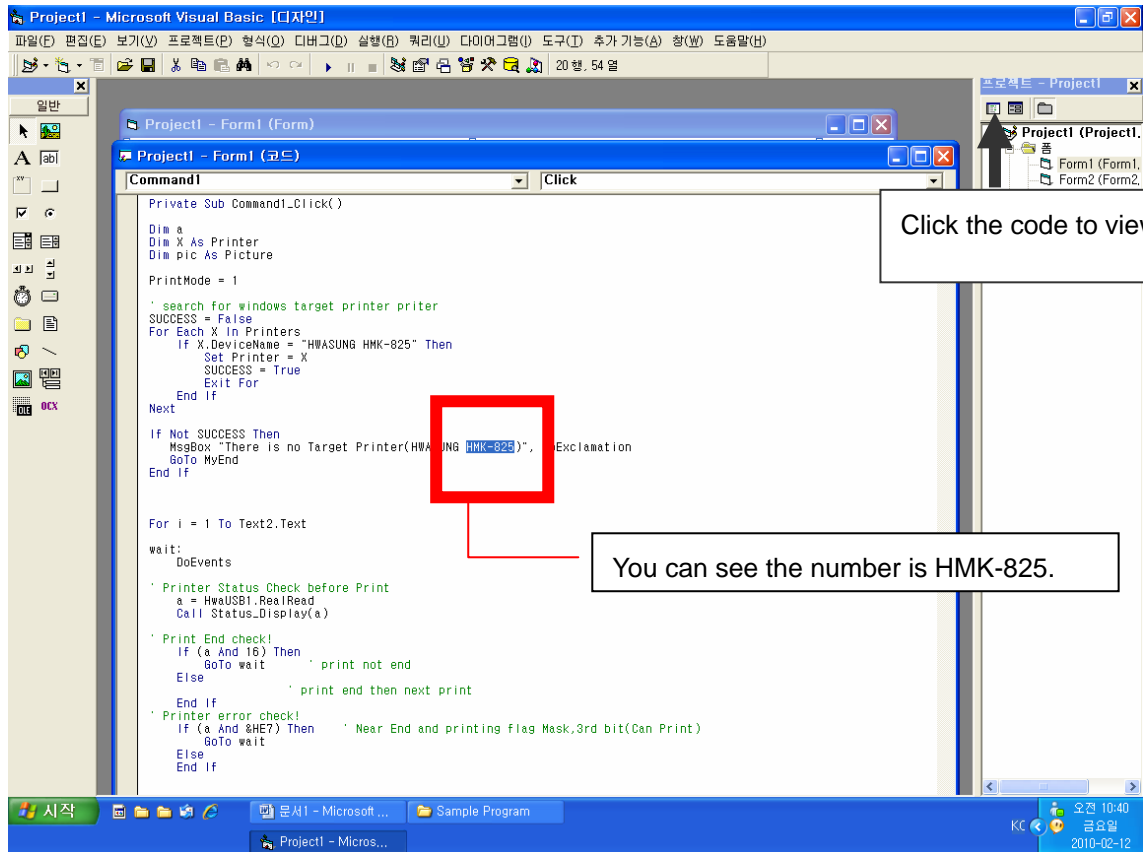# 2. How to change the model.

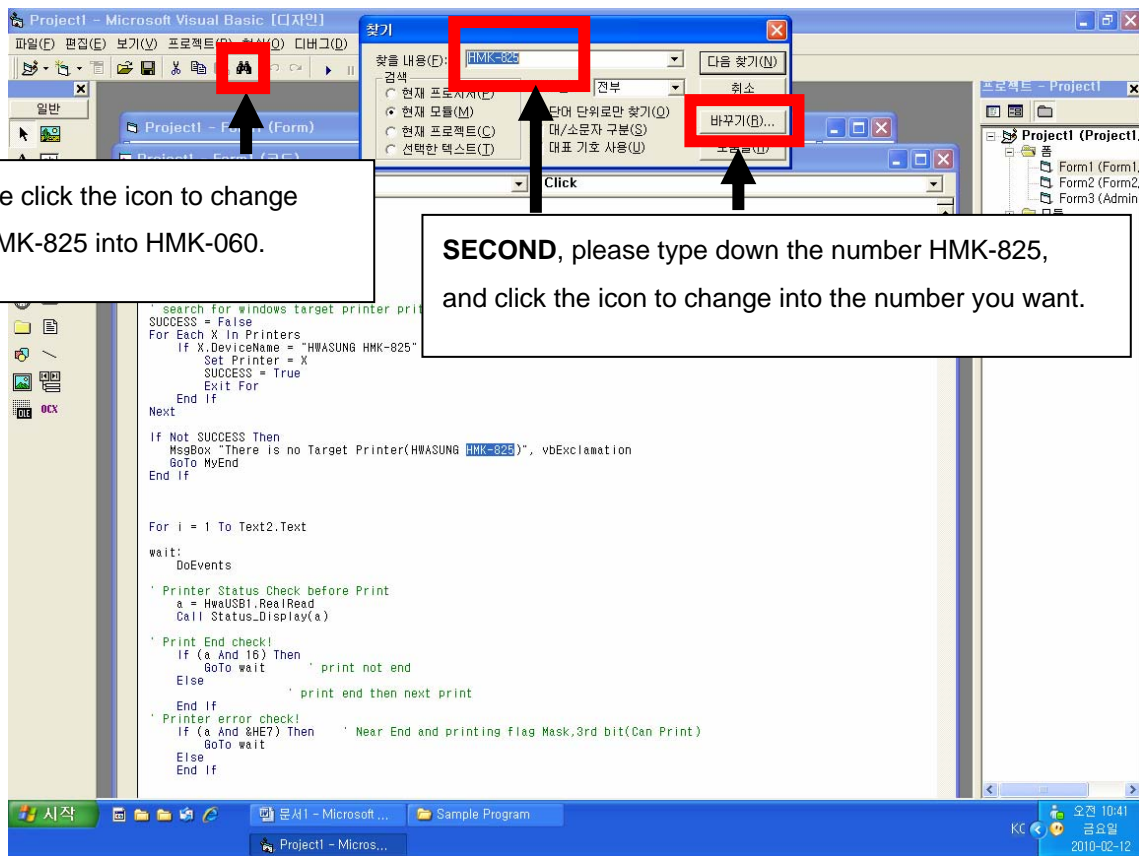2.1. If you double click Form1(Form1.frm), you can see the image below.

2.2. If you double click the code as image, you can see the code (source) as below.

Also you can see the number HMK-825 which is highlighted Red.

Well, as of now, we should change all of the number HMK-825 into the number you want.

2.3. Please follow the steps, such as First, Second.

FIRST,please click the icon to change the model HMK-825 into HMK-060.

SECOND, please type down the number HMK-825, and click the icon to change into the number you want.

```
' search for windows target printer print
SUCCESS = False
For Each X In Printers
    If X.DeviceName = "HWASUNG HMK-825"
        Set Printer = X
        SUCCESS = True
        Exit For
    End If
Next

If Not SUCCESS Then
    MsgBox "There is no Target Printer(HWASUNG HMK-825)", vbExclamation
    GoTo MyEnd
End If


For i = 1 To Text2.Text

wait:
    DoEvents

' Printer Status Check before Print
    a = HwaUSB1.RealRead
    Call Status_Display(a)

' Print End check!
    If (a And 16) Then
        GoTo wait        ' print not end
    Else                 ' print end then next print
    End If
' Printer error check!
    If (a And &HE7) Then     ' Near End and printing flag Mask,3rd bit(Can Print)
        GoTo wait
    Else
    End If
```
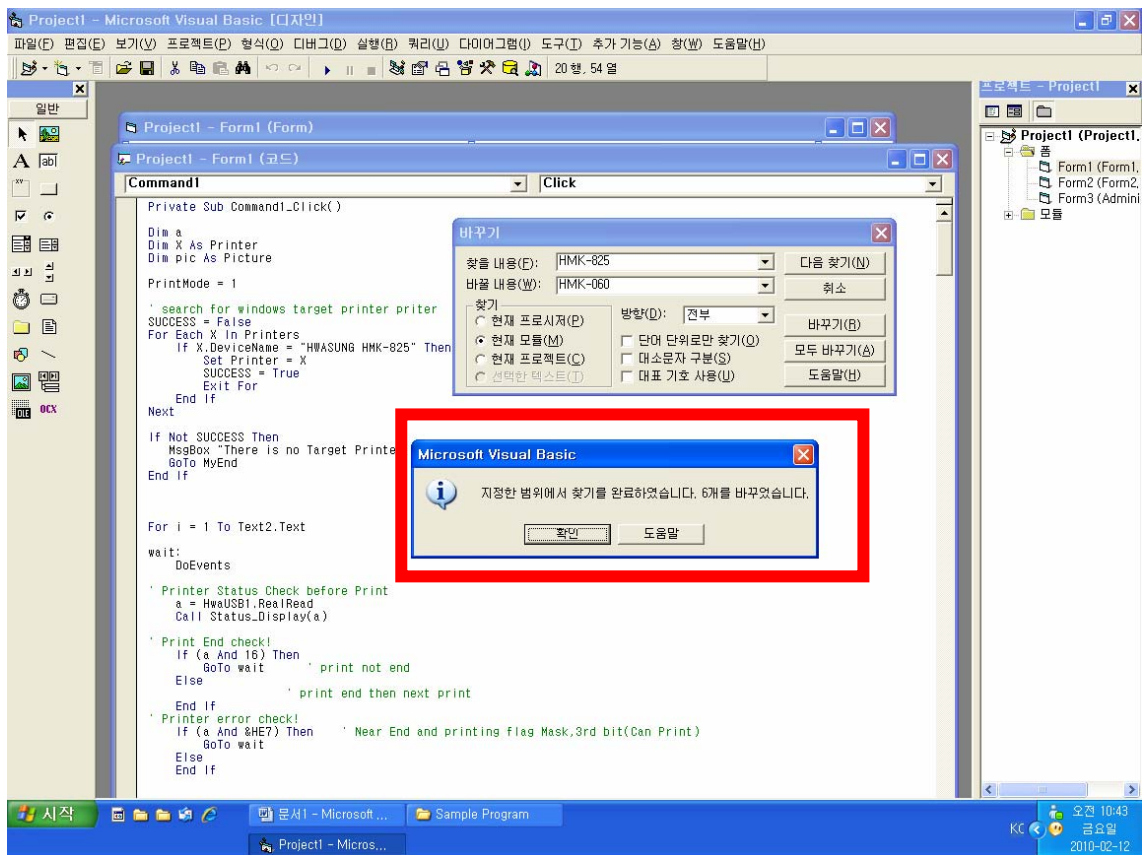
2.3. Please follow the steps, such as Third, Fourth.

Third, please fill out the models at the blanks.

Fourth, please click the button to change all of the number.

2.4. You can see the screen is highlighted in Red. You have completed the change.

2.5. Please make sure the number is changed.
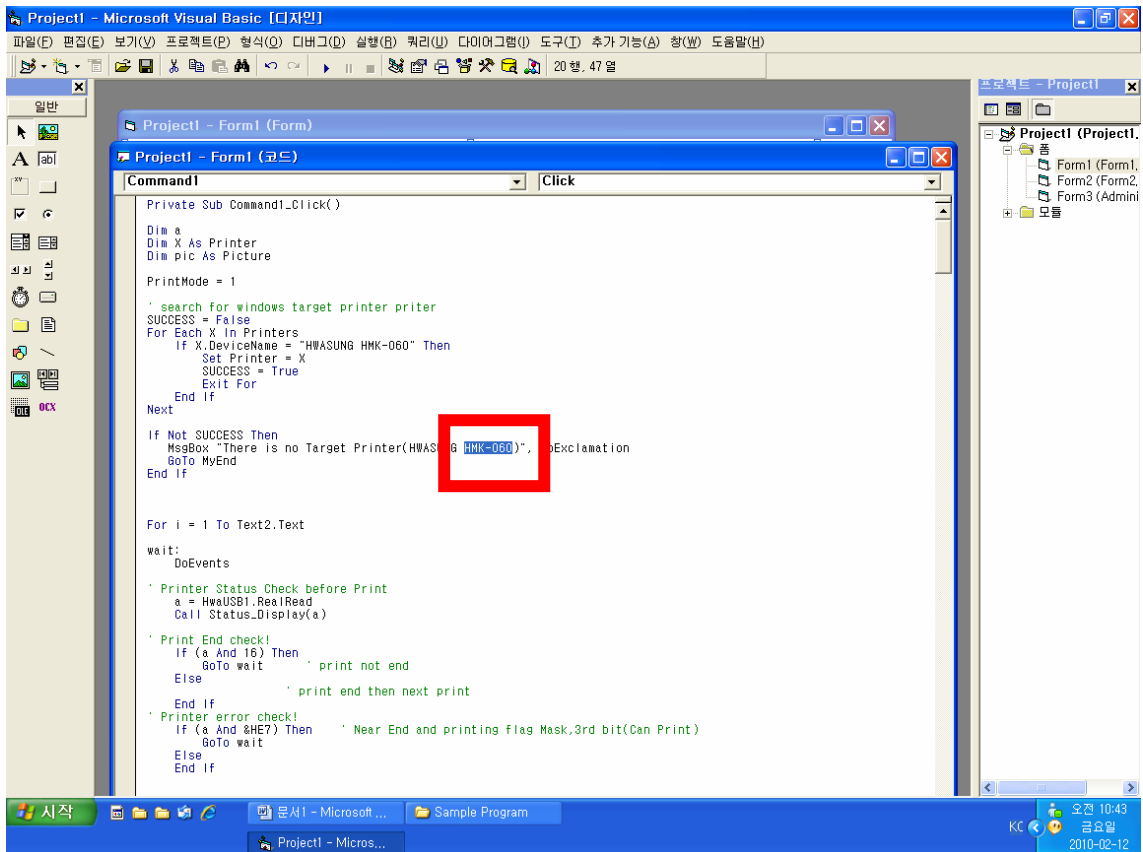
2.6. Please click the icon to check the printer status. Then,you can see the printer status as imaged, and following images.

Notice : Please make sure the printer has to power on / the cable should be connected with the host, before you click the icon to check.

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Please make sure the printer has to power on / the cable should be connected with the host, before you click the icon to check.
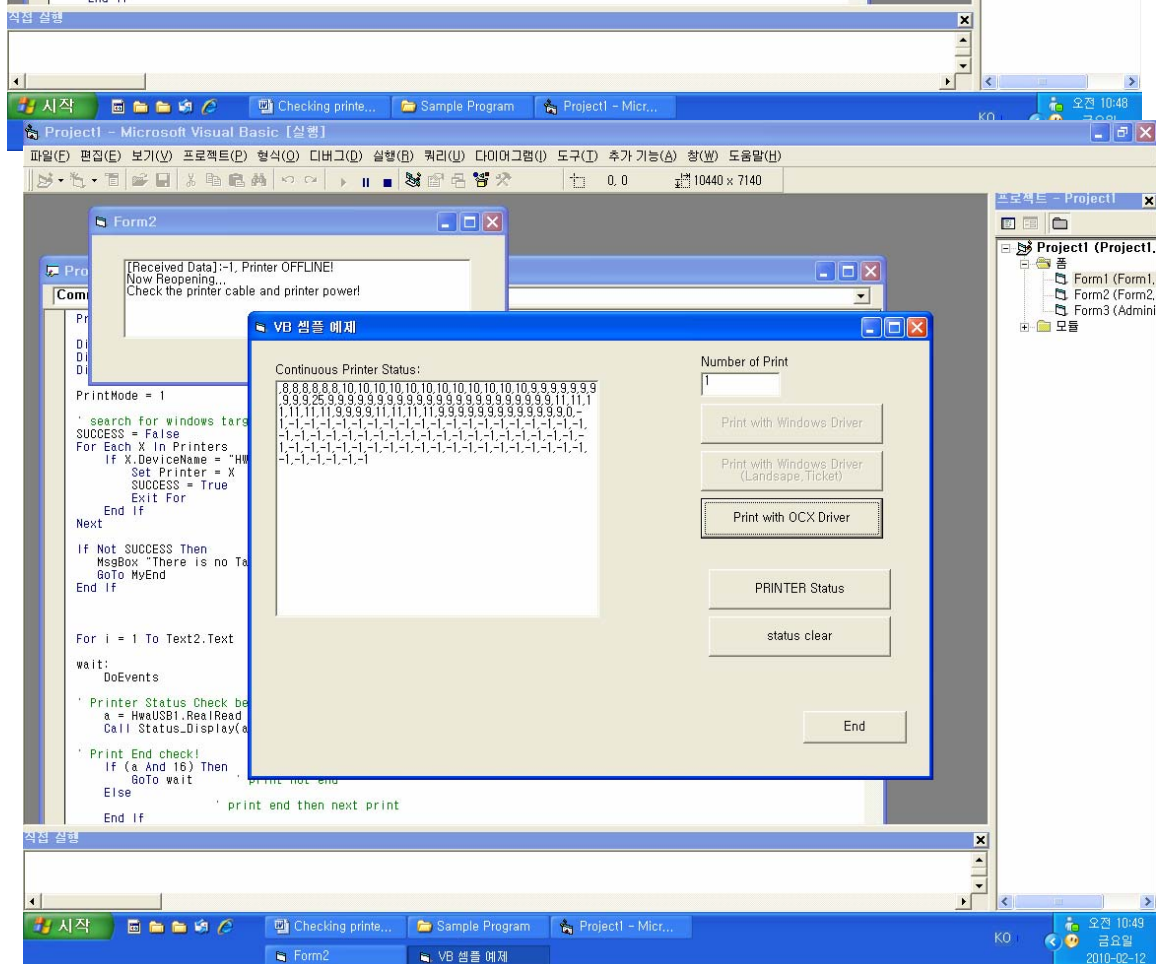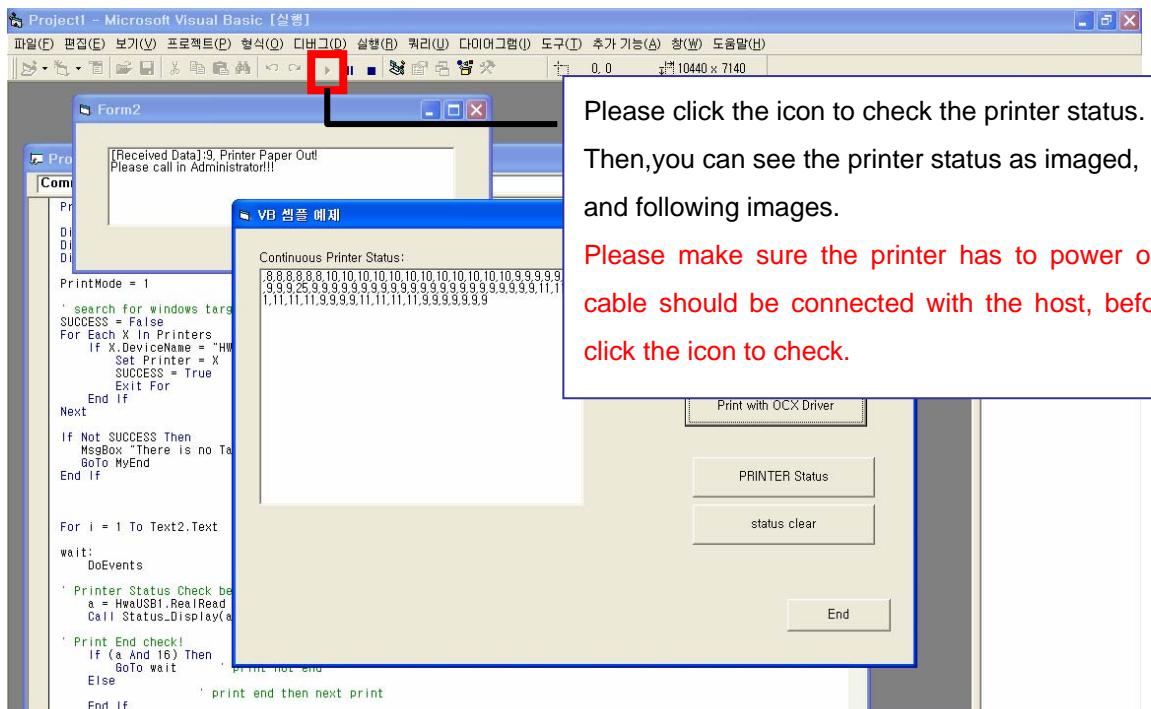
For your reference

Functions

1) long HwaUSB1.Open(LPCTSTR SelPrinter);

Please open USB port as Printer Model("HMK-060").

- Parameters:

  SelPrinter : Printer Model Name

- Return :

  Open normal : 0

  Open error   : -3(minus)

2)void HwaUSB1.Close(void);

Please close USB port by the way of which you open Printer Model.

- Parameters:

  None

- Return :

  None

3)long HwaUSB1.PrintStr(LPCTSTR data);

 It prints the string.

- Parameters:

  data : String datas

- Return :

  Print normal : 1

  Print error : 0

 ※ In order to prevent the data loss by the printing timeout,

 Please check the printer status by the RealRed function, and print out.

4)long HwaUSB1.PrintCmd(unsigned char data);

It prints the data 1 byte. It is to use for the printer control command.

- Parameters:

  data : 1 byte data (0~255)

- Return :

  Print normal : 1

  Print error : 0

5)long HwaUSB1.RealRead(void);

It reads the data of printer status as 1 byte of USB port.

- Parameters:

  None

- Return :

  Read normal : Printer status

  Read error   : -1(minus)

※ Please do not use the functions which are not commented.

NOTICE 1

If you use the ocx and windows drivers together, the data will not be printed in regular sequence.

So please release the spool, when you wan to use the OCX driver, and window driver together.

If you release the spool, the data receipt is only made by OCX.
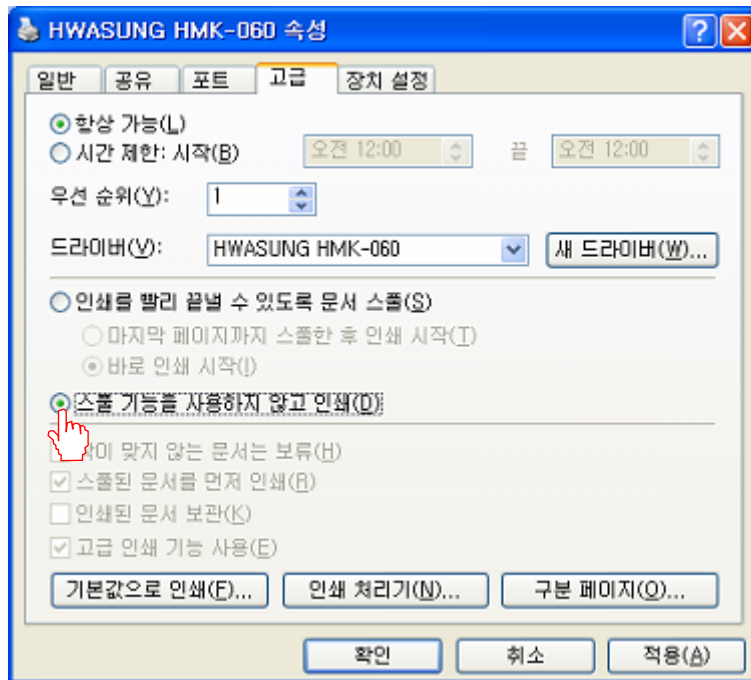
Notice : Please refer to the following data flow chart of window application