Public Function ZFSL\_TEST\_001 () As String

ZFSL\_TEST\_001 = “Test 001 OK”

End Function

**Figure 6** Code for method ZFSL\_TEST\_001 of class ZCL\_TEST

Private Sub Command1\_Click()

Dim obj As New ZFLS\_PROJ\_TEST.ZCL\_TEST

Text1 = obj.ZFSL\_TEST\_001

End Sub

**Figure 16** Code added on the click event of the button

REPORT  zfsl\_test\_001 NO STANDARD PAGE HEADING.  
  
INCLUDE ole2incl.  
  
DATA: obj\_test  TYPE ole2\_object,  
      string    TYPE string.  
  
CREATE OBJECT obj\_test 'ZFSL\_PROJ\_TEST.ZCL\_TEST'. *" Should be all CAPS*  
  
CALL METHOD OF  
    obj\_test  
    'ZFSL\_TEST\_001' = string.  
  
IF sy-subrc = 0.  
  WRITE: string.  
ELSE.  
  WRITE: 'Error'.  
ENDIF.  
  
FREE OBJECT obj\_test.

**Figure 20** Code for test ActiveX DLL from ABAP executable program

*\*&---------------------------------------------------------------------\**  
*\*&      Form  send\_email\_outlook*  
*\*&---------------------------------------------------------------------\**  
*\*       text*  
*\*----------------------------------------------------------------------\**  
FORM send\_email\_outlook.  
  
  DATA: obj\_outlook         TYPE ole2\_object,  
        obj\_createitem      TYPE ole2\_object,  
        obj\_attachments     TYPE ole2\_object,  
        obj\_attachments\_01  TYPE ole2\_object.  
  DATA: htmlbody TYPE string.  
  
*\*\*  send e-mail with ooulook*  
  LOOP AT it\_pernr INTO wa\_pernr.  
  
    CREATE OBJECT obj\_outlook 'Outlook.Application'.  
    IF sy-subrc = 0.  
  
      CALL METHOD OF  
          obj\_outlook  
          'CreateItem ' = obj\_createitem  
        EXPORTING  
          #1            = '0'.  
  
      CALL METHOD OF  
          obj\_createitem  
          'Attachments'  = obj\_attachments.  
  
      IF sy-subrc = 0.  
        SET PROPERTY OF obj\_createitem 'To' = wa\_pernr-email.  
        SET PROPERTY OF obj\_createitem 'Subject' = cmy.  
  
        CONCATENATE:  '<body>'  
                      '<p>Dear ' wa\_pernr-ename ' </p>'  
                      '<p>Please check your Pay Slip from the attachement.</p>'  
                      '<p>Regards,</p>'  
                      '<p>Payroll Department</p>'  
                      '</body>' INTO htmlbody RESPECTING BLANKS.  
        CONDENSE: htmlbody.  
        SET PROPERTY OF obj\_createitem 'HTMLBody' = htmlbody.  
  
        CLEAR: save\_path.  
        CONCATENATE directory '\' wa\_pernr-pernr '.xlsx' INTO save\_path.  
  
        CALL METHOD OF  
            obj\_attachments  
            'Add'           = obj\_attachments\_01  
          EXPORTING  
            #1              = save\_path.  
  
        CALL METHOD OF  
            obj\_createitem  
            'Send'.  
  
        FREE OBJECT:  obj\_attachments\_01,  
                      obj\_attachments,  
                      obj\_createitem,  
                      obj\_outlook.  
  
      ENDIF.  
    ENDIF.  
  ENDLOOP.  
  
ENDFORM.                    *"send\_email\_outlook*

**Figure 30** Code for sending email with attachment

Imports System

Imports System.Threading

Imports System.ComponentModel

Imports System.IO.Ports

**Figure 38** Add Imports at the top of class code

Public Function Send\_Message(ByVal PortName As String, \_

ByVal BaudRate As Integer, \_

ByVal Parity As Integer, \_

ByVal DataBits As Integer, \_

ByVal StopBits As Integer, \_

ByVal PhoneNumber As String, \_

ByVal Message As String) As String

Dim SMSPort As New SerialPort

Try

If SMSPort.IsOpen = False Then

With SMSPort

.PortName = PortName

.BaudRate = BaudRate

.Parity = Parity

.DataBits = DataBits

.StopBits = StopBits

.Handshake = Handshake.RequestToSend

.DtrEnable = True

.RtsEnable = True

.NewLine = vbCrLf

End With

SMSPort.Open()

End If

If SMSPort.IsOpen = True Then

If Message.Length <= 160 Then

Message = Message

Else

Message = Mid(Message, 1, 160)

End If

SMSPort.WriteLine("AT" & vbCrLf)

Thread.Sleep(100)

SMSPort.WriteLine("AT+CMGF=1" & Chr(10) & Chr(13))

Thread.Sleep(100)

SMSPort.WriteLine("AT+CMGS=" & Chr(34) & PhoneNumber & Chr(34) & vbCrLf)

Thread.Sleep(100)

SMSPort.WriteLine(Message & Chr(26))

End If

If SMSPort.IsOpen = True Then

SMSPort.Close()

End If

Send\_Message = "Message Sent"

Catch ex As Exception

Send\_Message = ex.Message

End Try

End Function

**Figure 39** Code for sending SMS

Dim obj\_sapcomm As New ZFSL\_SMS\_VBDN.ZCL\_SPORT

Public Function Send\_Message(ByVal PortName As String, \_

ByVal BaudRate As Integer, \_

ByVal Parity As Integer, \_

ByVal DataBits As Integer, \_

ByVal StopBits As Integer, \_

ByVal PhoneNumber As String, \_

ByVal Message As String) As String

Send\_Message = obj\_sapcomm.Send\_Message(PortName, BaudRate, Parity, DataBits, StopBits, PhoneNumber, Message)

End Function

**Figure 41** Code to send a mobile message

*\*&---------------------------------------------------------------------\**  
*\*&      Form  send\_mobile\_message*  
*\*&---------------------------------------------------------------------\**  
*\*       text*  
*\*----------------------------------------------------------------------\**  
FORM send\_mobile\_message.  
  
  DATA: obj\_sport TYPE ole2\_object.  
  DATA: subrc     TYPE string.  
  DATA: message   TYPE string.  
  
  CREATE OBJECT obj\_sport 'ZFSL\_SMS\_VB6.ZCL\_SPORT'.  
  
  LOOP AT it\_pernr INTO wa\_pernr.  
  
    CONCATENATE:  'Dear ' wa\_pernr-ename ','  
                  cl\_abap\_char\_utilities=>newline  
                  'Your Salary has transferred to your bank account. Please check your mail for more details.'  
                  cl\_abap\_char\_utilities=>newline  
                  'Thanks and Regards,'  
                  cl\_abap\_char\_utilities=>newline  
                  'Payroll Department.'  
                  INTO message RESPECTING BLANKS.  
  
    CONDENSE: message.  
  
    CALL METHOD OF  
        obj\_sport  
        'Send\_Message' = subrc  
      EXPORTING  
        #1             = 'COM27'  
        #2             = 9600  
        #3             = 0  
        #4             = 8  
        #5             = 1  
        #6             = wa\_pernr-mobno  
        #7             = message.  
  
    FREE OBJECT obj\_sport.  
  
  ENDLOOP.  
  
ENDFORM.                    *"send\_mobile\_message*

**Figure 44** Code for sending a mobile message using ActiveX DLL