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