

```
Imports Microsoft.Office.Interop
Imports UNIOBJECTSLib
Imports System.Net.Mail
```

```
Partial Class _Default
```

```
    Inherits System.Web.UI.Page
```

```
    Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
End Sub
```

```
Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button1.Click
```

```
Dim oWord As Word.Application
```

```
Dim oDoc As Word.Document
```

```
Dim oTable As Word.Table
```

```
Dim oPara1 As Word.Paragraph, oPara2 As Word.Paragraph
```

```
Dim oPara3 As Word.Paragraph, oPara4 As Word.Paragraph
```

```
Dim oRng As Word.Range
```

```
Dim oShape As Word.InlineShape
```

```
Dim oChart As Object
```

```
Dim Pos As Double
```

```
Dim oSel As Object
```

```
    'Start Word and open the document template.
```

```
    oWord = CreateObject("Word.Application")
```

```
    oSel = oWord.Selection
```

```
    oWord.Visible = True
```

```
    oDoc = oWord.Documents.Add
```

```
    'oDoc.Range.InsertSymbol("C:/Documents and Settings\mike.mooney\My Documents\Visual Studio  
2005\Projects\WebWord\images/buttonbanner4.gif")
```

```
    'oShape = oSel.InlineShapes.AddPicture("C:/Documents and Settings\mike.mooney\My Documents\Visual Studio  
2005\Projects\WebWord\images/buttonbanner4.gif")
```

```
    'oSel.TypeParagraph()
```

```
    'Insert a paragraph at the beginning of the document.
```

```
    oPara1 = oDoc.Content.Paragraphs.Add
```

```
    oPara1.Range.Text = "Paragraph 1"
```

```
    oPara1.Range.Font.Bold = True
```

```
    oPara1.Format.SpaceAfter = 24 '24 pt spacing after paragraph.
```

```
    oPara1.Range.InsertParagraphAfter
```

```
    'Insert a 3 x 5 table, fill it with data and make the first row
```

```
    'bold,italic.
```

```

Dim r As Integer, c As Integer
oTable = oDoc.Tables.Add(oDoc.Bookmarks("\endofdoc").Range, 3, 5)

Dim rngCell As Word.Range
rngCell = oTable.Range
rngCell.ParagraphFormat.Alignment = Word.WdParagraphAlignment.wdAlignParagraphRight
oTable.Borders.OutsideLineStyle = Word.WdLineStyle.wdLineStyleSingle
oTable.Borders.OutsideLineStyle = Word.WdLineStyle.wdLineStyleSingle
oTable.Range.ParagraphFormat.SpaceAfter = 6

For r = 1 To 3
    For c = 1 To 5
        'oTable.Cell(r, c).Range.Text = "r" & r & "c" & c
        oTable.Cell(r, c).Range.Text = String.Format("{0:C}", r * 5.5)
    Next
Next
oTable.Rows(1).Range.Font.Bold = True
oTable.Rows(1).Range.Font.Italic = True
oTable.Rows(3).Range.Shading.BackgroundPatternColor = Word.WdColor.wdColorGray25

```

End Sub

```
Protected Sub Button3_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button3.Click
```

```

Dim objU2Conn as Object
Dim objRst1 as Object
Dim ss as String
Dim vFirstName as String
Dim vRegDate as String
Dim vID as String
Dim vLetterCode as String
Dim vResStatus as String
Dim vAddDate as String
Dim vBatchNumber as String
Dim vIMPFileName as String
Dim wdReplaceAll as Integer = 2
Dim aa as String
Dim vPageBreak as String

Dim oWord As Word.Application
Dim oDoc As Word.Document
Dim oTable As Word.Table
Dim oPara1 As Word.Paragraph, oPara2 As Word.Paragraph

```

```

Dim oPara3 As Word.Paragraph, oPara4 As Word.Paragraph
Dim oRng As Word.Range
Dim oShape As Word.InlineShape
Dim oChart As Object
Dim Pos As Double
Dim Selection as Object

objU2Conn = Server.CreateObject("ADODB.Connection")
objU2Conn.Open ("DSN=R18_Test;Uid=coll_asp;Pwd=18chaff")
objRst1 = Server.CreateObject("ADODB.Recordset")

ss = "select * from C21_CCCAPPLY where CCC_BATCH_NUMBER = '1812' order by CCC_ADD_DATE "
objRst1.Open (ss, objU2Conn)

'Start Word and open the document template.
oWord = CreateObject("Word.Application")
oWord.Visible = True
oDoc = oWord.Documents.Add
Dim x as Integer = 0
while Not objRst1.EOF

    vFirstName = objRst1.Fields("CCC_FIRSTNAME").Value
    'vRegDate = objRst1("CCC_REG_DATE")
    vID = objRst1.Fields("ID").Value
    vLetterCode = objRst1.Fields("CCC_LETTER_CODE").Value
    vResStatus = objRst1.Fields("CCC_RESIDENCY_STATUS").Value
    vAddDate = objRst1.Fields("CCC_ADD_DATE").Value
    vBatchNumber = objRst1.Fields("CCC_BATCH_NUMBER").Value
    vIMPFileName = objRst1.Fields("CCC_IMP_FILE_NAME").Value

    'Insert a paragraph at the beginning of the document.
    oPara1 = oDoc.Content.Paragraphs.Add

    vPageBreak = ""
    if x > 0 then
        'vPageBreak = "@@PageBreak@"
        vPageBreak = chr(12)
    End If
    x += 1

    aa = vPageBreak & "Dear " & vFirstName & ", " & vbCrLf & vbCrLf & _
        "This is a test. " & objRst1.AbsolutePosition

```

```
oPara1.Range.Font.Bold = True
oPara1.Range.Font.Size = 16
oPara1.Format.SpaceAfter = 24 '24 pt spacing after paragraph.
oPara1.Range.Text = aa
oPara1.Range.InsertParagraphAfter
```

```
objRst1.MoveNext
```

```
end while
```

```
' With oWord.ActiveDocument.Content.Find
'   .Text = "@@PageBreak@"
'   .Replacement.Text = chr(12)
'   .Execute (Replace:=wdReplaceAll)
' End With
```

```
End Sub
```

```
Protected Sub Button2_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button2.Click
```

```
Dim oWord As Word.Application
```

```
Dim oDoc As Word.Document
```

```
Dim oTable As Word.Table
```

```
Dim oSelection as Object
```

```
Dim oShape As Object
```

```
Dim oPara1 As Word.Paragraph, oPara2 As Word.Paragraph
```

```
oWord = CreateObject("Word.Application")
```

```
oWord.Visible = True
```

```
oDoc = oWord.Documents.Add()
```

```
oSelection = oWord.Selection
```

```
oSelection.TypeText ("Here is a sentence preceding the picture.")
```

```
oSelection.TypeParagraph()
```

```
oShape = oSelection.InlineShapes.AddPicture("C:/Documents and Settings\mike.mooney\My Documents\Visual Studio  
2005\Projects\WebWord\images\buttonbanner4.gif")
```

```
oSelection.TypeParagraph()
```

```
oSelection.TypeText ("Here is a sentence following the picture.")
```

```
oSelection.TypeParagraph()
```

```
'Insert a paragraph at the beginning of the document.
```

```
oPara1 = oDoc.Content.Paragraphs.Add
```

```
oPara1.Range.Text = "Paragraph 1"
```

```
oPara1.Range.Font.Bold = True
```

```
oPara1.Format.SpaceAfter = 24 '24 pt spacing after paragraph.
oPara1.Range.InsertParagraphAfter
```

```
'Insert a 3 x 5 table, fill it with data and make the first row bold,italic.
```

```
Dim r As Integer, c As Integer
```

```
oTable = oDoc.Tables.Add(oDoc.Bookmarks("\endofdoc").Range, 3, 5)
```

```
Dim rngCell As Word.Range
```

```
rngCell = oTable.Range
```

```
rngCell.ParagraphFormat.Alignment = Word.WdParagraphAlignment.wdAlignParagraphRight
```

```
oTable.Borders.OutsideLineStyle = Word.WdLineStyle.wdLineStyleSingle
```

```
oTable.Borders.OutsideLineStyle = Word.WdLineStyle.wdLineStyleSingle
```

```
oTable.Range.ParagraphFormat.SpaceAfter = 6
```

```
For r = 1 To 3
```

```
    For c = 1 To 5
```

```
        'oTable.Cell(r, c).Range.Text = "r" & r & "c" & c
```

```
        oTable.Cell(r, c).Range.Text = String.Format("{0:C}", r * 5.5)
```

```
    Next
```

```
Next
```

```
oTable.Rows(1).Range.Font.Bold = True
```

```
oTable.Rows(1).Range.Font.Italic = True
```

```
oTable.Rows(3).Range.Shading.BackgroundPatternColor = Word.WdColor.wdColorGray25
```

```
End Sub
```

```
Protected Sub SendMail_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles SendMail.Click
```

```
Dim objWdApp As Word.Application
```

```
Dim objWdDoc As Word.Document
```

```
Dim objWdRange As Word.Range
```

```
'Dim wdPageBreak as Integer = 7
```

```
'Dim aa as String
```

```
'Create instance of Word Application
```

```
objWdApp = New Word.Application
```

```
'Add new document
```

```
'objWdDoc = objWdApp.Documents.Add
```

```
'or you could open a document using .Open
```

```
'objWdDoc = objWdApp.Documents.Open("TechPrep.doc")
```

```
'objWdDoc = objWdApp.Documents.Open(FileName:="TechPrep.doc")
```

```
' objWdDoc = objWdApp.Documents.Open(FileName:="C:\TechPrep.doc")
```

```
'Set the range equal to the entire word doc
objwdRange = objWdDoc.Content
'Insert Hello World
'aa = "Hello World Page 1" & chr(12)
'aa = aa & "Hello There from Page 2"
'objwdRange.Text = aa
'labell1.Text = objwdRange.Text
```

```
Dim Msg as MailMessage = new MailMessage()
'Dim MailObj As New SmtpClient("relay.chaffey.edu")
Dim MailObj As New SmtpClient
'MailObj.Host = "http://schemas.microsoft.com/cdo/configuration/smtpserver") ="relay.chaffey.edu"
MailObj.Host = "relay.chaffey.edu"
Msg.From = new MailAddress("me@Here.com", "Big D")
Msg.To.Add(new MailAddress("mike.mooney@chaffey.edu", "Knot A. Wildone"))
Msg.IsBodyHtml = "False"
Msg.Body = "this is the Email body"
Msg.Subject = "This is the Subject"
MailObj.Send(msg)
```

End Sub

```
Protected Sub Button4_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button4.Click
```

```
Dim objU2Conn As Object
Dim objRst1 As Object
Dim ss As String
```

```
Dim oXL As Excel.Application
Dim oWB As Excel.Workbook
Dim oSheet As Excel.Worksheet
Dim oRng As Excel.Range
```

```
Dim vFirstName As String
Dim vLastName As String
Dim vID As String
Dim vAddDate As String
Dim vBatchNumber As String
```

```
Dim vRow As Integer = 1
```

```

objU2Conn = Server.CreateObject("ADODB.Connection")
objU2Conn.Open("DSN=R18_Test;Uid=coll_asp;Pwd=18chaff")
objRst1 = Server.CreateObject("ADODB.Recordset")

ss = "select * from C21_CCCAPPLY where CCC_BATCH_NUMBER = '1812' order by CCC_ADD_DATE "
objRst1.Open(ss, objU2Conn)

' Start Excel and get Application object.
oXL = CreateObject("Excel.Application")
oXL.Visible = False

' Get a new workbook.
oWB = oXL.Workbooks.Add
oSheet = oWB.ActiveSheet

' Add table headers going cell by cell.
oSheet.Cells(1, 1).Value = "ID"
oSheet.Cells(1, 2).Value = "Last Name"
oSheet.Cells(1, 3).Value = "First Name"
oSheet.Cells(1, 4).Value = "Add Date"
oSheet.Cells(1, 5).Value = "Batch Number"

oSheet.Cells(1, 1).EntireColumn.ColumnWidth = 10
oSheet.Cells(1, 2).EntireColumn.ColumnWidth = 15
oSheet.Cells(1, 3).EntireColumn.ColumnWidth = 15
oSheet.Cells(1, 4).EntireColumn.ColumnWidth = 12
oSheet.Cells(1, 5).EntireColumn.ColumnWidth = 15

'oRng = oSheet.Range("D2", "D6")
oSheet.Cells(1).EntireColumn.HorizontalAlignment = Excel.Constants.xlLeft
oSheet.Cells(4).EntireColumn.HorizontalAlignment = Excel.Constants.xlCenter
oSheet.Cells(5).EntireColumn.HorizontalAlignment = Excel.Constants.xlCenter

oRng = oSheet.Range("A1", "E1")
oRng.Select()
oRng.Font.Bold = True
oRng.Font.Name = "Arial"
oRng.Interior.ColorIndex = 15
oRng.Borders(Excel.XlBordersIndex.xlEdgeBottom).Weight = Excel.Constants.xlMaximum
'oRng.Borders.Weight = 6
'oRng.Borders.LineStyle = Excel.Constants.xlSolid
'oRng.Cells.RowHeight = 38
'oRng.Font.Size = 10

```

```
'oRng.WrapText = true

' Make sure Excel is visible and give the user control
' of Excel's lifetime.
oXL.Visible = True
oXL.UserControl = True

While Not objRst1.EOF

    vRow = vRow + 1
    vID = objRst1.Fields("ID").Value
    vFirstName = objRst1.Fields("CCC_FIRSTNAME").Value
    vLastName = objRst1.Fields("CCC_LASTNAME").Value
    vAddDate = objRst1.Fields("CCC_ADD_DATE").Value
    vBatchNumber = objRst1.Fields("CCC_BATCH_NUMBER").Value

    oSheet.Cells(vRow, 1).Value = vID
    oSheet.Cells(vRow, 2).Value = vLastName
    oSheet.Cells(vRow, 3).Value = vFirstName
    oSheet.Cells(vRow, 4).Value = vAddDate
    oSheet.Cells(vRow, 5).Value = vBatchNumber

    objRst1.MoveNext()

End While

' Make sure that you release object references.
oRng = Nothing
oSheet = Nothing
oWB = Nothing
oXL.Quit()
oXL = Nothing

End Sub
End Class
```