1. What will be printed in picture box `picOutput` when button `cmdShuffle` is clicked?

```vba
Private Sub cmdShuffle_Click()
    Dim x As Integer, y As Integer, z As Integer
    x = 3
    y = 4
    z = 5
    y = x + z
    z = x
    x = x + 10
    picOutput.Print x, y, z
End Sub
```

2. What will be printed in picture box `picOutput` when button `cmdLoop` is clicked?

```vba
Private Sub cmdLoop_Click()
    Dim x As Integer, y As Integer
    x = 10
    y = 1
    Do While x >= y
        x = x - 1
        y = y + 1
        picOutput.Print x; y
    Loop
End Sub
```
3. What will be printed in picture box `picOutput` when button `cmdCalculate` is clicked?

```vbnet
Private Sub cmdCalculate_Click()
    Dim a(1 To 5) As Integer, b(1 To 5) As Integer
    Dim Pos As Integer
    For Pos = 1 To 5
        a(Pos) = Pos * 5
        b(Pos) = 100
    Next Pos
    For Pos = 2 To 4
        b(Pos + 1) = a(Pos)
    Next Pos
    For Pos = 1 To 5
        picOutput.Print b(Pos)
    Next Pos
End Sub
```

4. What will be printed in picture box `picOutput` when button `cmdCompute` is clicked?

```vbnet
Private Sub cmdCompute_Click()
    Dim a(1 To 5) As Integer
    Dim i As Integer
    For i = 1 To 5
        a(i) = i * 20
    Next i
    For i = 1 To 5
        Select Case a(i)
            Case Is < 15, Is > 90
                picOutput.Print "Car"
            Case 19, 20, 25, 28, 100
                picOutput.Print "Truck"
            Case Is < 50
                picOutput.Print "Bicycle"
            Case Is <= 30
                picOutput.Print "Tractor"
            Case Else
                picOutput.Print "Van"
        End Select
    Next i
End Sub
```
5. What will be printed in picture box `picOutput` when button `cmdExample` is clicked?

```vbs
Private Sub cmdExample_Click( )
    Dim big As Integer, little As Integer
    For big = 4 To 5
        For little = 1 To 2
            picOutput.Print Formula(little, big)
        Next little
    Next big
End Sub

Private Function Formula(x As Integer, y As Integer) As Integer
    Formula = (2 * x) + y
End Function
```

6. Assume that file `years.txt` contains the following data:

```
"Cornwall", 1750
"Devon", 1898
"York", 1923
"London", 1786
"Norfolk", 1690
"Suffolk", 1872
"Gloucester", 1699
"Durham", 1860
```

What will be printed in picture box `picOutput` when button `cmdLoop` is clicked?

```vbs
Private Sub cmdLoop_Click( )
    Dim place As String, year As Integer
    Dim count As Integer
    count = 0
    Open "years.txt" For Input As #1
    Do While Not EOF(1)
        Input #1, place
        Input #1, year
        Call CheckName(place)
        Call CheckAge(place, year)
    Loop
    Close #1
End Sub

Private Sub CheckName(County As String)
    If Left(County, 1) = "D" Then
        picOutput.Print County
    End If
End Sub

Private Sub CheckAge(County As String, Year As Integer)
    If Year > 1900 Then
        picOutput.Print County; ";: New"
    ElseIf Year < 1700 Then
        picOutput.Print County; ";: Old"
    End If
End Sub
```