```vb
Public Class ChickenFarmer
    Private name As String
    Private coops As New Coop

    ' 0 referencias
    Public Sub add(coop As Coop)
        Console.WriteLine("Coop added")
    End Sub
    ' 0 referencias
    Public Sub remove(coopId As Integer)
        Console.WriteLine("Coop removed")
    End Sub

    ' 0 referencias
    Public Sub resetIteration()

    End Sub

    ' 0 referencias
    Public Function nextCoop() As Coop
        Dim coop As New Coop()
        Return coop
    End Function

End Class
```

```vb
Public Class Coop
    Private id As Integer
    Private chickens As New Chicken()

    '2 referencias
    Public Sub New()

    End Sub

    '0 referencias
    Public Sub New(id As Integer, chickens As Chicken)
        Me.Id1 = id
        Me.Chickens1 = chickens
    End Sub

    '1 referencia
    Public Property Id1 As Integer
        Get
            Return id
        End Get
        Set(value As Integer)
            id = value
        End Set
    End Property

    '1 referencia
    Public Property Chickens1 As Chicken
        Get
            Return chickens
        End Get
        Set(value As Chicken)
            chickens = value
        End Set
    End Property

    '0 referencias
    Public Sub add(chicken As Chicken)
        Console.WriteLine("Chicken added")
    End Sub
    '0 referencias
    Public Sub remove(chicken As Chicken)
        Console.WriteLine("Chicken removed")
    End Sub
    '0 referencias
    Public Sub resetiteration()

    End Sub

    '0 referencias
    Public Function nextChicken() As Chicken
        Dim chicken As New Chicken

        Return chicken

    End Function

End Class
```

```vb
Public Class Chicken
    Private id As Integer
    Private name As String
    Private color As String
    Private age As Integer
    Private isMolting As Boolean

    Public Sub New()
    End Sub

    Public Sub New(id As Integer, name As String, color As String, age As Integer, isMolting As Boolean)
        Me.Id1 = id
        Me.Name1 = name
        Me.Color1 = color
        Me.Age1 = age
        Me.IsMolting1 = isMolting
    End Sub

    Public Property Id1 As Integer
        Get
            Return id
        End Get
        Set(value As Integer)
            id = value
        End Set
    End Property


    Public Property Name1 As String
        Get
            Return name
        End Get
        Set(value As String)
            name = value
        End Set
    End Property

    Public Property Color1 As String
        Get
            Return color
        End Get
        Set(value As String)
            color = value
        End Set
    End Property

    Public Property Age1 As Integer
        Get
            Return age
        End Get
        Set(value As Integer)
            age = value
        End Set
    End Property
```

```vb
                    1 referencia
55          Public Property IsMolting1 As Boolean
56              Get
57                  Return isMolting
58              End Get
59              Set(value As Boolean)
60                  isMolting = value
61              End Set
62          End Property
63
            0 referencias
64          Public Sub doStuff(forTime As Integer)
65              Console.WriteLine("The chicken is doing Stuff for" + forTime)
66          End Sub
67
            0 referencias
68          Private Sub cluck()
69              Console.WriteLine("The chicken is clucking")
70          End Sub
71
            0 referencias
72          Private Sub wander()
73              Console.WriteLine("The chicken is wandering")
74          End Sub
75
            0 referencias
76          Private Sub eat()
77              Console.WriteLine("The chicken is eating")
78          End Sub
79
            0 referencias
80          Private Sub drink()
81              Console.WriteLine("The chicken is drinking")
82          End Sub
83
```

```vb
            0 referencias
84          Private Sub poop()
85              Console.WriteLine("The chicken is pooping")
86          End Sub
87
            0 referencias
88          Private Function layAnEgg() As Egg
89              Dim egg As New Egg()
90              Return egg
91          End Function
92
93      End Class
94
```

```vb
Public Class Egg
    Private id As Integer

    '1 referencia
    Public Sub New(id As Integer)
        Me.id = id
    End Sub

    '0 referencias
    Public Property Id1 As Integer
        Get
            Return id
        End Get
        Set(value As Integer)
            id = value
        End Set
    End Property
End Class
```

```vbnet
Imports System

' 0 referencias
Module ChickenFarmSimulator
    ' 0 referencias
    Sub Main(args As String())
        Dim chickens(3) As Chicken
        Dim id As Integer
        Dim name As String
        Dim color As String
        Dim age As Integer
        Dim isMolting As Boolean
        chickens(0) = New Chicken(111, "Juanito", "Brown", 4, False)
        chickens(1) = New Chicken(222, "Ramiro", "White", 2, True)
        chickens(2) = New Chicken(333, "Lucia", "Yellow", 5, False)

        For i = 0 To 3
            id = chickens(i).Id1
            name = chickens(i).Name1
            color = chickens(i).Color1
            age = chickens(i).Age1
            isMolting = chickens(i).IsMolting1

            Console.WriteLine("============================")
            Console.WriteLine("Id: " & id)
            Console.WriteLine("name: " & name)
            Console.WriteLine("color: " & color)
            Console.WriteLine("age: " & age)
            Console.WriteLine("Is Molting: " & isMolting)
            Console.WriteLine("============================")

        Next

    End Sub
End Module
```

```
Consola de depuración de Microsoft Visual Studio
============================
Id: 111
name: Juanito
color: Brown
age: 4
Is Molting: False
============================
============================
Id: 222
name: Ramiro
color: White
age: 2
Is Molting: True
============================
============================
Id: 333
name: Lucia
color: Yellow
age: 5
Is Molting: False
============================
```