

```
1  Public Class ChickenFarmer
2      Private name As String
3      Private coops As New Coop
4
5      0 referencias
6      Public Sub add(coop As Coop)
7          Console.WriteLine("Coop added")
8      End Sub
9
10     0 referencias
11     Public Sub remove(coopId As Integer)
12         Console.WriteLine("Coop removed")
13     End Sub
14
15     0 referencias
16     Public Sub resetIteration()
17         End Sub
18
19     0 referencias
20     Public Function nextCoop() As Coop
21         Dim coop As New Coop()
22         Return coop
23     End Function
24 End Class
```

```

1  Public Class Coop
2      Private id As Integer
3      Private chickens As New Chicken()
4
5      2 referencias
6      Public Sub New()
7      End Sub
8
9      0 referencias
10     Public Sub New(id As Integer, chickens As Chicken)
11         Me.Id1 = id
12         Me.Chickens1 = chickens
13     End Sub
14
15     1 referencia
16     Public Property Id1 As Integer
17     Get
18         Return id
19     End Get
20     Set(value As Integer)
21         id = value
22     End Set
23 End Property
24
25     1 referencia
26     Public Property Chickens1 As Chicken
27     Get
28         Return chickens
29     End Get
30     Set(value As Chicken)
31         chickens = value
32     End Set
33 End Property
34
35     0 referencias
36     Public Sub add(chicken As Chicken)
37         Console.WriteLine("Chicken added")
38     End Sub
39
40     0 referencias
41     Public Sub remove(chicken As Chicken)
42         Console.WriteLine("Chicken removed")
43     End Sub
44
45     0 referencias
46     Public Sub resetiteration()
47     End Sub
48
49     0 referencias
50     Public Function nextChicken() As Chicken
51         Dim chicken As New Chicken
52
53         Return chicken
54     End Function
55 End Class

```

```

7 referencias
1 Public Class Chicken
2     Private id As Integer
3     Private name As String
4     Private color As String
5     Private age As Integer
6     Private isMolting As Boolean
7
8     Public Sub New()
9     End Sub
10
11     Public Sub New(id As Integer, name As String, color As String, age As Integer, isMolting As Boolean)
12         Me.Id1 = id
13         Me.Name1 = name
14         Me.Color1 = color
15         Me.Age1 = age
16         Me.IsMolting1 = isMolting
17     End Sub
18
19     Public Property Id1 As Integer
20     Get
21         Return id
22     End Get
23     Set(value As Integer)
24         id = value
25     End Set
26 End Property
27

```

```

1 referencia
28 Public Property Name1 As String
29 Get
30     Return name
31 End Get
32 Set(value As String)
33     name = value
34 End Set
35 End Property
36
37 Public Property Color1 As String
38 Get
39     Return color
40 End Get
41 Set(value As String)
42     color = value
43 End Set
44 End Property
45
46 Public Property Age1 As Integer
47 Get
48     Return age
49 End Get
50 Set(value As Integer)
51     age = value
52 End Set
53 End Property
54

```

```

55      1 referencia
56      Public Property IsMolting1 As Boolean
57      Get
58          Return isMolting
59      End Get
60      Set(value As Boolean)
61          isMolting = value
62      End Set
63  End Property
64
65      0 referencias
66      Public Sub doStuff(forTime As Integer)
67          Console.WriteLine("The chicken is doing Stuff for" + forTime)
68      End Sub
69
70      0 referencias
71      Private Sub cluck()
72          Console.WriteLine("The chicken is clucking")
73      End Sub
74
75      0 referencias
76      Private Sub wander()
77          Console.WriteLine("The chicken is wandering")
78      End Sub
79
80      0 referencias
81      Private Sub eat()
82          Console.WriteLine("The chicken is eating")
83      End Sub
84
85      0 referencias
86      Private Sub drink()
87          Console.WriteLine("The chicken is drinking")
88      End Sub
89
90      0 referencias
91      Private Sub poop()
92          Console.WriteLine("The chicken is pooping")
93      End Sub
94
95      0 referencias
96      Private Function layAnEgg() As Egg
97          Dim egg As New Egg()
98          Return egg
99      End Function
100  End Class

```

```

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

```

```
1 Public Class Egg
2     Private id As Integer
3
4     1 referencia
5     Public Sub New(id As Integer)
6         Me.id = id
7     End Sub
8
9     0 referencias
10    Public Property Id1 As Integer
11        Get
12            Return id
13        End Get
14    Set(value As Integer)
15        id = value
16    End Set
17 End Property
18 End Class
```

```
1 Imports System
2
3 0 referencias
4 Module ChickenFarmSimulator
5     0 referencias
6     Sub Main(args As String())
7         Dim chickens(3) As Chicken
8         Dim id As Integer
9         Dim name As String
10        Dim color As String
11        Dim age As Integer
12        Dim isMolting As Boolean
13        chickens(0) = New Chicken(111, "Juanito", "Brown", 4, False)
14        chickens(1) = New Chicken(222, "Ramiro", "White", 2, True)
15        chickens(2) = New Chicken(333, "Lucia", "Yellow", 5, False)
16
17        For i = 0 To 3
18            id = chickens(i).Id1
19            name = chickens(i).Name1
20            color = chickens(i).Color1
21            age = chickens(i).Age1
22            isMolting = chickens(i).IsMolting1
23
24            Console.WriteLine("=====")
25            Console.WriteLine("Id: " & id)
26            Console.WriteLine("name: " & name)
27            Console.WriteLine("color: " & color)
28            Console.WriteLine("age: " & age)
29            Console.WriteLine("Is Molting: " & isMolting)
30            Console.WriteLine("=====")
31        Next
32    End Sub
33 End Module
34
```

op.vb ChickenFarmer.vb ChickenFarmSimulat

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
=====
```