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

```
⊟Public Class Coop
          Private id As Integer
          Private chickens As New Chicken()
          Public Sub New()
          Public Sub New(id As Integer, chickens As Chicken)
              Me.Idl = id
              Me.Chickens1 = chickens
          End Sub
          Public Property Idl As Integer
                  Return id
              End Get
              Set(value As Integer)
                 id = value
          End Property
          Public Property Chickensl As Chicken
                 Return chickens
              Set(value As Chicken)
                  chickens = value
              End Set
          Public Sub add(chicken As Chicken)
              Console.WriteLine("Chicken added")
          End Sub
          Public Sub remove(chicken As Chicken)
             Console.WriteLine("Chicken removed")
          End Sub
          Public Sub resetiteration()
          End Sub
          Public Function nextChicken() As Chicken
             Dim chicken As New Chicken
44
              Return chicken
           End Function
```

```
⊟Public Class Chicken
          Private id As Integer
          Private name As String
          Private color As String
          Private age As Integer
          Private isMolting As Boolean
70
          Public Sub New()
          End Sub
          Oreferencies
Public Sub New(id As Integer, name As String, color As String, age As Integer, isMolting As Boolean)
           Me.Idl = id
             Me.Name1 = name
              Me.Color1 = color
              Me.Agel = age
             Me.IsMolting1 = isMolting
          End Sub
          Public Property Idl As Integer
                 Return id
              End Get
              Set(value As Integer)
                 id = value
              End Set
```

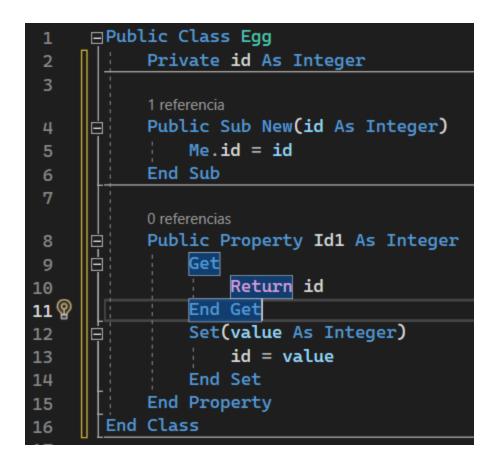
```
Public Property Namel As String
       Return name
   End Get
   Set(value As String)
       name = value
   End Set
End Property
Public Property Colorl As String
      Return color
   End Get
    Set(value As String)
      color = value
   End Set
End Property
Public Property Agel As Integer
      Return age
   End Get
   Set(value As Integer)
    age = value
   End Set
End Property
```

```
Public Property IsMolting1 As Boolean
        Return isMolting
    Set(value As Boolean)
        isMolting = value
End Property
Public Sub doStuff(forTime As Integer)
   Console.WriteLine("The chicken is doing Stuff for" + forTime)
Private Sub cluck()
Console.WriteLine("The chicken is clucking")
End Sub
Private Sub wander()
  Console.WriteLine("The chicken is wandering")
End Sub
Private Sub eat()
Console.WriteLine("The chicken is eating")
Private Sub drink()
Console.WriteLine("The chicken is drinking")
End Sub
```

```
0 referencias
Private Sub poop()
Console.WriteLine("The chicken is pooping")
End Sub

0 referencias
Private Function layAnEgg() As Egg
Dim egg As New Egg()
Return egg
End Function

End Class
94
```



```
Imports System
      ■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
10
                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)
11
12
13
                 For i = 0 To 3
15
                     id = chickens(i).Id1
                     name = chickens(i).Name1
17
                     color = chickens(i).Color1
                     age = chickens(i).Age1
19
                     isMolting = chickens(i).IsMolting1
21
                     Console.WriteLine("========")
22
                     Console.WriteLine("Id: " & id)
23
24
                     Console.WriteLine("name: " & name)
                     Console.WriteLine("color: " & color)
25
                     Console.WriteLine("age: " & age)
                     Console.WriteLine("Is Molting: " & isMolting)
27
                     Console.WriteLine("========"")
29
                 Next
30
31
            End Sub
32
        End Module
33
34
```

