//Person 类

Public Class Person

Private m\_ID As String

Public Property ID() As String

Get

Return Me.m\_ID

End Get

Set(ByVal value As String)

Me.m\_ID = value

End Set

End Property

Public Overridable Sub SayHello()

MsgBox("Hello ,I am a person ")

End Sub

Public Overrides Function ToString() As String

Return " My ID is" + Me.ID

End Function

Public Sub New()

End Sub

Public Sub New(ByVal id As String)

End Sub

End Class

//Athlete 类

Public Class Athlete

Inherits Person

Private m\_number As Integer

Public Property Number() As Integer

Get

Return Me.m\_number

End Get

Set(ByVal value As Integer)

Me.m\_number = value

End Set

End Property

Public Overloads Property ID() As String

Get

Return MyBase.ID

End Get

Set(ByVal value As String)

MyBase.ID = value

End Set

End Property

Public Overrides Sub SayHello()

MsgBox("Hello ,I am an athlete.")

End Sub

Private Sub New()

End Sub

Public Sub New(ByVal id As String, ByVal number As Integer)

MyBase.ID = id

End Sub

End Class

//Form 1

Public Class Form1

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

Dim myp As New Person("007")

myp.SayHello()

MsgBox("--" + myp.ToString)

End Sub

Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

Dim mya As New Athlete("008", 2009)

mya.SayHello()

MsgBox("++" + mya.ToString + "++" + mya.Number.ToString)

End Sub

End Class





