```vb
1  Imports System.Collections.Generic
2
3  Imports Grasshopper.Kernel
4  Imports Rhino.Geometry
5  Imports Interop.gsa_8_7
6
7
8  Public Class CloseGsaFile
9      Inherits GH_Component
10     ''' <summary>
11     ''' Initializes a new instance of the CloseGsaFile class.
12     ''' </summary>
13     Public Sub New()
14         MyBase.New("Close Gsa File", "Close", _
15                 "Closes Gsa File", _
16                 "GsaComTools", "I/O")
17     End Sub
18
19     ''' <summary>
20     ''' Registers all the input parameters for this component.
21     ''' </summary>
22     Protected Overrides Sub RegisterInputParams(pManager As                    ⮫
         GH_Component.GH_InputParamManager)
23         pManager.AddGenericParameter("Gsa", "Gsa", "Gsa COM Object",           ⮫
             GH_ParamAccess.item)
24     End Sub
25
26     ''' <summary>
27     ''' Registers all the output parameters for this component.
28     ''' </summary>
29     Protected Overrides Sub RegisterOutputParams(pManager As                   ⮫
         GH_Component.GH_OutputParamManager)
30         pManager.AddBooleanParameter("Success", "Success", "Success",          ⮫
             GH_ParamAccess.item)
31     End Sub
32
33     ''' <summary>
34     ''' This is the method that actually does the work.
35     ''' </summary>
36     ''' <param name="DA">The DA object is used to retrieve from inputs and     ⮫
         store in outputs.</param>
37     Protected Overrides Sub SolveInstance(DA As IGH_DataAccess)
38         Dim myObjectWrapper As Types.GH_ObjectWrapper
39
40         'Import GSA File Name
41         If (Not DA.GetData(0, myObjectWrapper)) Then Return
42
43         Dim GsaObj As ComAuto = TryCast(myObjectWrapper.Value, ComAuto)
44
45         'Close GSA File
46         GsaObj.Close()
47         System.Threading.Thread.Sleep(1000)
48
49         'Release GSA
50         System.Runtime.InteropServices.Marshal.ReleaseComObject(GsaObj)
51         GsaObj = Nothing
```

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52
53            ' Assign the data to the output parameter.
54            DA.SetData(0, True)
55        End Sub
56
57        ''' <summary>
58        ''' Provides an Icon for every component that will be visible in the User    ⮐
            Interface.
59        ''' Icons need to be 24x24 pixels.
60        ''' </summary>
61        Protected Overrides ReadOnly Property Icon() As System.Drawing.Bitmap
62            Get
63                Return My.Resources.IO_CloseGsaFile
64                Return Nothing
65            End Get
66        End Property
67
68        ''' <summary>
69        ''' Gets the unique ID for this component. Do not change this ID after    ⮐
            release.
70        ''' </summary>
71        Public Overrides ReadOnly Property ComponentGuid() As Guid
72            Get
73                Return New Guid("{11247362-bea5-410a-89f2-a172f8d65908}")
74            End Get
75        End Property
76  End Class
```