Function SetupProjectAndTopAssembly() As Boolean

' This function checks to make sure a project doesn't already exist that the user is requesting

' It then sets up a folder structure, and does a "Save As" to create a new top-level assembly that will be used

' This first set of statements uses the Windows System object to create a folder structure for our files

Dim blnSetupSucceeded As Boolean = True

' This statement first checks to see if the folder already exists

' If it does already exist, it won't bother creating the folder again

If System.IO.Directory.Exists(PROJECT\_PATH & PROJECT\_ID) = False Then

System.IO.Directory.CreateDirectory(PROJECT\_PATH & PROJECT\_ID)

System.IO.Directory.CreateDirectory(PROJECT\_PATH & PROJECT\_ID & "\Tank Body Assy")

System.IO.Directory.CreateDirectory(PROJECT\_PATH & PROJECT\_ID & "\Skid Assy")

' If user has configured a gunline, then create a folder to store its files

If GUNLINE Then System.IO.Directory.CreateDirectory(PROJECT\_PATH & PROJECT\_ID & "\Gunline Assy")

' If a user have configured a sump, then create a folder to store its files

If SUMP Then System.IO.Directory.CreateDirectory(PROJECT\_PATH & PROJECT\_ID & "\Sump Assy")

End If

' Now that we have our folder structure in place, we are ready to save the Master Assembly file

' It uses the path stored in the PROJECT\_PATH parameter, and the PROJECT\_ID to give the assembly a unique name

Dim sMasterAssy As String

sMasterAssy = PROJECT\_PATH & PROJECT\_ID & "\Tank Assembly - " & PROJECT\_ID & ".iam"

' We first check to make sure the master assembly file doesn't already exist, then save it if it doesn't

If System.IO.File.Exists(sMasterAssy) = False Then

ThisDoc.Document.SaveAs(sMasterAssy , False)

Else

MessageBox.Show("Assembly Already Exists", "Master")

iLogicForm.Show("Configure Tank")

blnSetupSucceeded = False

End If

' Return whether or not we were successful creating the new folder structure and master assembly file

SetupProjectAndTopAssembly = blnSetupSucceeded

End Function