

```

1 Option Compare Database
2 Option Explicit
3
4 Dim of As Office.FileDialog
5 Dim FilePath As Variant
6 Dim FileName As String
7 Dim TableName As String
8
9 Public Sub ImportBirds()
10 Dim BirdsFile As Variant
11
12 On Error GoTo ErrDesc
13
14 TableName = "birds"
15
16 'Deleting prvs table with self declared function TableExist
17 If TableExist(TableName) = True Then TableDel (TableName)
18
19 Set of = Application.FileDialog(msoFileDialogFilePicker)
20
21 With of
22
23     .InitialFileName = CurrentProject.Path
24     .AllowMultiSelect = True
25     .Title = "Please select a Report:"
26     .Filters.Clear
27     .Filters.Add "Custom Excel Files", "*.xls, *.xlsx"
28
29     If .Show = True Then
30
31         For Each BirdsFile In .SelectedItems
32             GetSheetsFrom BirdsFile, TableName
33         Next
34         MsgBox "File: " & Dir(.SelectedItems(1)) & " successfully imported.", _
35             vbInformation
36
37     End If
38
39 End With
40
41 Set of = Nothing
42
43 Exit Sub
44
45
46 ErrDesc:
47 MsgBox Err.Description, vbExclamation
48 Exit Sub
49
50 End Sub
51
52 Sub ImportForests()
53
54 On Error GoTo ErrDesc
55
56 TableName = "forests"
57
58 If TableExist(TableName) = True Then TableDel (TableName)
59
60 Set of = Application.FileDialog(msoFileDialogFilePicker)
61
62 With of
63
64     .InitialFileName = CurrentProject.Path
65     .AllowMultiSelect = True
66     .Title = "Please select Files: "
67     .Filters.Clear
68     .Filters.Add "Custom Excel files", "*.xls*, *xlsx*"
69
70     If .Show = True Then
71         For Each FilePath In .SelectedItems
72
73             FileName = Dir(FilePath)

```

```

74
75     If Left(FileName, 7) <> TableName Then
76     MsgBox "One or more of selected files are wrong, try once again", _
77     vbCritical
78
79     TableDel (TableName)
80     Exit Sub
81
82     Else:
83     DoCmd.TransferSpreadsheet acImport, acSpreadsheetTypeExcel12, TableName, _
84     FileName, True
85     MsgBox "File: " & FileName & " successfully imported.", _
86     vbInformation
87     End If
88
89     Next
90
91     End If
92 End With
93
94 Set of = Nothing
95
96 Exit Sub
97
98 ErrDesc:
99 MsgBox Err.Description, vbExclamation
100 Exit Sub
101 End Sub
102
103 Public Function GetSheetsFrom(sFileName As Variant, sTableName As String) As String
104
105 Dim obExcel As New Excel.Application
106 Dim wbk As Excel.Workbook
107 Dim wst As Object
108 Dim sUsedRange As String
109
110 Set wbk = obExcel.Workbooks.Open(sFileName)
111
112 For Each wst In wbk.Worksheets
113
114     sUsedRange = wst.UsedRange.Address(0, 0)
115     DoCmd.TransferSpreadsheet acImport, acSpreadsheetTypeExcel12, sTableName, _
116     sFileName, True, wst.Name & "!" & sUsedRange
117
118 Next
119
120 wbk.Close
121 Set wbk = Nothing
122
123 obExcel.Quit
124 Set obExcel = Nothing
125
126 Exit Function
127 End Function
128
129 Public Function TableExist(TableName As String) As Boolean
130
131 Dim db As Database
132 Dim tbl As TableDef
133
134 TableExist = False
135
136 Set db = CurrentDb
137
138 For Each tbl In db.TableDefs
139
140     If tbl.Name = TableName Then
141     TableExist = True
142     Exit For
143     End If
144
145 Next
146

```

```
147 Set db = Nothing
148
149 End Function
150
151
152 Public Function TableDel (TableName As String) As Variant
153
154     DoCmd.DeleteObject acTable, TableName
155     MsgBox "Table: " & TableName & " deleted", vbInformation
156
157 End Function
158
159
160
161
162
163 '-----Form HOME
164 Option Compare Database
165
166 Private Sub Form_Load()
167     'Log in
168     UserId = VBA.Environ("USERNAME")
169
170     Me.tUserLogin = UserId
171 End Sub
172
173
174 Private Sub btnImportBirds_Click()
175     modImport.ImportBirds
176 End Sub
177
178 Private Sub btnImportForests_Click()
179     modImport.ImportForests
180 End Sub
181
182
```