

```

1 Option Compare Database
2
3 Dim sSQL As String
4 Dim qry As QueryDef
5 Dim db As Database
6
7 Dim QueryName As String
8 Dim TableName As String
9
10 Sub CreateQuery()
11
12 On Error GoTo ErrNote
13
14 QueryName = "Summary"
15
16 If QueryExist(QueryName) = True Then QueryDel (QueryName)
17
18 Set db = CurrentDb
19
20 sSQL = "SELECT birds.[ForestDistricts], " & _
21        "birds.[Grouse], " & _
22        "birds.[Pheasant], " & _
23        "birds.[Partridge], " & _
24        "forests.[HuntingDistricts], " & _
25
26        "Round((birds.[Grouse]+birds.[Pheasant]+birds.[Partridge]/forests.[HuntingDistr
27        icts]* 4),2) as [Costs]" & _
28        "FROM [birds] INNER JOIN forests " & _
29        "ON birds.[ForestDistricts] = forests.[ForestDistrictName]"
30
31 Set qry = db.CreateQueryDef(QueryName, sSQL)
32
33 MsgBox QueryName & " query successfully created.", _
34        vbInformation
35
36 DoCmd.OpenQuery QueryName, , acReadOnly
37
38 Exit Sub
39
40 ErrNote:
41 MsgBox Err.Description
42
43 End Sub
44
45 Sub GenerateExcelFile()
46
47 Dim CurrenDate As String
48 CurrentDate = Format(Now(), "_yyyymmdd_hhmmss")
49
50 MsgBox CurrentDate
51
52 QueryName = "Summary"
53 DoCmd.OutputTo acOutputQuery, QueryName, acFormatXLSX, QueryName & CurrentDate &
54        ".xlsx", True
55
56 DoCmd.Close acForm, QueryName, acSaveYes
57
58 End Sub
59
60 Public Function QueryExist(QueryName As String) As Boolean
61
62 Dim db As Database
63 Dim qry As QueryDef
64
65 QueryExist = False
66
67 Set db = CurrentDb
68
69 For Each qry In db.QueryDefs
70     If qry.Name = QueryName Then
71         QueryExist = True
72     End If
73 End For

```

```
71         Exit For
72     End If
73
74 Next
75
76 Set db = Nothing
77
78 End Function
79
80 Public Function QueryDel(QueryName As String) As Variant
81
82     DoCmd.DeleteObject acQuery, QueryName
83     MsgBox "Query: " & QueryName & " deleted", vbInformation
84
85 End Function
86
87
88 '-----Form HOME
89
90 Private Sub btnQuery_Click()
91     modGenerate.CreateQuery
92 End Sub
93
94 Private Sub btnGenerate_Click()
95     modGenerate.GenerateExcelFile
96 End Sub
97
```