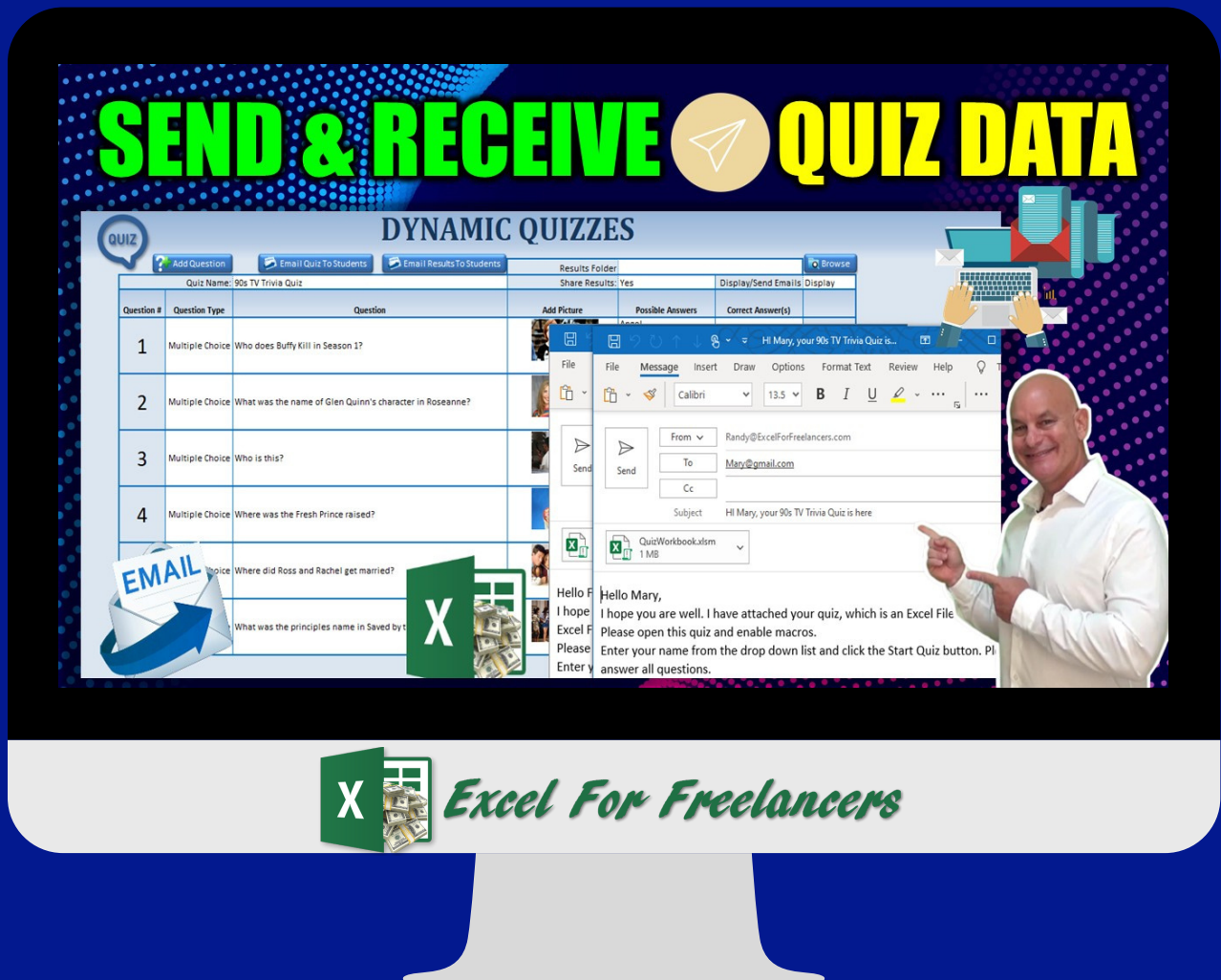


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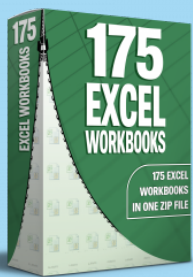
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Option Explicit

```
Private Sub Worksheet_Change(ByVal Target As Range)
```

```
'On Change of question type
```

```
If Not Intersect(Target, Range("E6:E999" )) Is Nothing And Range("E" & Target.Row).Value
```

```
<> Empty Then
```

```
Range("I" & Target.Row & ":I" & Target.Row + 4).ClearContents 'Clear all values on
```

```
Question Type Change
```

```
On Error Resume Next
```

```
If Target.Value = "Text" Then Range("I" & Target.Row).Font.Name = "Calibri" Else _
```

```
Range("I" & Target.Row).Font.Name = "Wingdings"
```

```
End If
```

```
End Sub
```

```
Private Sub Worksheet_SelectionChange(ByVal Target As Range)
```

```
If Target.CountLarge > 10 Then Exit Sub
```

```
If Not Intersect(Target, Range("D6:I999" )) Is Nothing Then
```

```
Dim DeductRows As Long
```

```
DeductRows = Range("K" & Target.Row).Value
```

```
If Range("D" & Target.Row - DeductRows).Value <> Empty Then 'Make sure selected Row
```

```
contains a Question
```

```
Range("B5" ).Value = Target.Row - DeductRows
```

```
ShowQuestionButtons
```

```
End If
```

```
Else:
```

```
Shapes("AddPicBtn" ).Visible = msoFalse 'Hide add picture button on selection outside  
table questions
```

```
Shapes("DelQuestBtn" ).Visible = msoFalse 'Hide delete question button
```

```
End If
```

```
'On Checkbox selection
```

```
If Not Intersect(Target, Range("I6:I999" )) Is Nothing Then
```

```
Dim QuestRow As Long
```

```
Dim SelRow As Long
```

```
Dim QuestType As String
```

```
SelRow = Target.Row
```

```
QuestRow = Range("B5" ).Value 'Question Row
```

```
If Range("D" & QuestRow).Value = Empty Then Exit Sub 'Exit on No question #
```

```
QuestType = Range("E" & QuestRow).Value 'Question Type
```

```
If QuestType = "Text" Then Exit Sub
```

```
If QuestType = "Multiple Choice" Then 'Select or unselect as required
```

```
Range("I" & QuestRow & ":I" & QuestRow + 4).ClearContents
```

```
Range("I" & SelRow).Value = "ü"
```

```
Else ' Checkboxes Type, clear out all others and mark as checked
```

```
If Target.Value = "ü" Then Target.Value = "" Else: Target.Value = "ü"
```

```
End If
```

```
End If
```

```
End Sub
```

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```
1 Option Explicit
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Not Intersect(Target, Range("G2" )) Is Nothing And Range("B14" ).Value <> Empty Then _
5         Range("G4" ).Value = Range("B14" ).Value 'Add Student ID on Correct Student Name
6
7 End Sub
8
9 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
10
11 End Sub
```

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1 Option Explicit

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1 Option Explicit

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```
1 Option Explicit
2
3 Private Sub Workbook_Open()
4     'AddResults 'Uncomment this out to check for results on workbook open
5 End Sub
```

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```
1  
2 Option Explicit  
3  
4 Private Sub CancelBtn_Click()  
5     Unload Me  
6 End Sub  
7  
8 Private Sub SubmitBtn_Click()  
9     SubmitTicketForm.Hide  
10    SendTicket  
11 End Sub  
12  
13  
14 Private Sub UserForm_Initialize()  
15     Me.IssueType.List = Array("VBA Bug" , "Visual Defect" , "Missing Feature" , "Other" )  
16 End Sub
```

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```

1  Option Explicit
2
3  Sub AddQuestion()
4      Dim FirstAvailRow As Long
5      Dim QuestionTemplateRange As Range
6      With Sheet1
7          Set QuestionTemplateRange = .Range("AA1:AH5" )
8          FirstAvailRow = .Range("D999" ).End(xlUp).Row + 5
9          QuestionTemplateRange.Copy
10         .Range("D" & FirstAvailRow).PasteSpecial xlPasteAll
11         .Range("D" & FirstAvailRow).Value = "=D" & FirstAvailRow - 5 & "+1"
12         .Range("E" & FirstAvailRow).Select
13     End With
14 End Sub
15
16 Sub DeleteQuestion()
17     Dim SelQuestRow As Long, SelQuestNumb As Long, LastQuestNumb As Long, LastRow As Long,
18     QuestNumb As Long, QuestRow As Long
19     Dim PicShape As Shape
20     With Sheet1
21         If MsgBox("Are you sure you want to delete this question?" , vbYesNo, "Delete
22         Question" ) = vbNo Then Exit Sub
23         If .Range("B5" ).Value = Empty Then Exit Sub 'exit sub if no selected row
24         SelQuestRow = .Range("B5" ).Value 'Question Row
25         SelQuestNumb = .Range("D" & SelQuestRow).Value 'Question #
26         On Error Resume Next
27         .Shapes("QuestPic" & SelQuestNumb).Delete 'Delete any existing question Picture
28         On Error GoTo 0
29         .Shapes("DelQuestBtn" ).Visible = msoFalse ' Hide Delete button
30         .Shapes("AddPicBtn" ).Visible = msoFalse 'Hide Add Pic button
31
32         'Rename any remaining pictures below
33         LastRow = .Range("D999" ).End(xlUp).Row
34         If LastRow <> SelQuestRow Then 'If the last question is not the question being deleted
35
36             For QuestRow = SelQuestRow + 5 To LastRow Step 5
37                 QuestNumb = .Range("D" & QuestRow).Value 'Determine question #
38                 'If Picture exists, rename it to the # below
39                 On Error Resume Next
40                 Set PicShape = .Shapes("QuestPic" & QuestNumb)
41                 On Error GoTo 0
42                 If Not PicShape Is Nothing Then 'Picture exists
43                     PicShape.Name = "QuestPic" & QuestNumb - 1 'Set Picture # to 1 below
44                     End If
45             Next QuestRow
46         End If
47         .Range(SelQuestRow & ":" & SelQuestRow + 4).EntireRow.Delete 'Delete associated rows
48         If LastRow <> SelQuestRow Then .Range("D" & SelQuestRow).Value = "=D" & SelQuestRow -
49         5 & "+1"
50         If SelQuestRow = 6 Then .Range("D6" ).Value = 1 'Set to First Quiz # on First row
51     End With
52 End Sub

```

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Option Explicit

```
Sub Question_AddPic()
```

```
    Dim PicFile As FileDialog
```

```
    Dim QuestRow As Long, QuestNumb As Long
```

```
    Dim PicPath As String
```

```
    With Sheet1
```

```
        QuestRow = .Range("B5").Value 'QuestionRow
```

```
        QuestNumb = .Range("D" & QuestRow).Value 'Question #
```

```
        Set PicFile = Application.FileDialog(msoFileDialogFilePicker)
```

```
        With PicFile
```

```
            .Title = "Select A Picture For The Question"
```

```
            .Filters.Add "All Picture Files", "*.jpg,*.jpeg,*.gif,*.png,*.bmp,*.tiff", 1
```

```
            If .Show <> -1 Then GoTo NoSelection
```

```
            PicPath = .SelectedItems(1)
```

```
        End With
```

```
    On Error Resume Next
```

```
    .Shapes("QuestPic" & QuestNumb).Delete 'Delete any any picture for the existing question
```

```
    On Error GoTo 0
```

```
    With .Pictures.Insert(PicPath)
```

```
        With .ShapeRange
```

```
            .LockAspectRatio = msoTrue
```

```
            .Height = 45
```

```
            .Name = "QuestPic" & QuestNumb 'Assign Unique Name
```

```
        End With
```

```
    End With
```

```
    With .Shapes("QuestPic" & QuestNumb)
```

```
        .Left = Sheet1.Range("G" & QuestRow).Left
```

```
        .Top = Sheet1.Range("G" & QuestRow).Top
```

```
        .IncrementLeft 30
```

```
        .IncrementTop 2
```

```
    End With
```

```
    NoSelection:
```

```
End With
```

```
End Sub
```

```
Sub ShowQuestionButtons()
```

```
    Dim QuestRow As Long
```

```
    With Sheet1
```

```
        If .Range("B5").Value = Empty Then Exit Sub
```

```
        QuestRow = .Range("B5").Value 'Question Row
```

```
        With .Shapes("AddPicBtn")
```

```
            .Left = Sheet1.Range("H" & QuestRow).Left
```

```
            .Top = Sheet1.Range("H" & QuestRow).Top
```

```
            .IncrementLeft -22
```

```
            .IncrementTop 2
```

```
            .Visible = msoCTrue
```

```
            .ZOrder msoBringToFrontOfText
```

```
        End With
```

```
        With .Shapes("DelQuestBtn")
```

```
            .Left = Sheet1.Range("J" & QuestRow).Left
```

```
            .Top = Sheet1.Range("J" & QuestRow).Top
```

```
            .IncrementTop 2
```

```
            .Visible = msoCTrue
```

```
        End With
```

```
    End With
```

```
End Sub
```

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```

1  Option Explicit
2
3  Sub EmailQuiz()
4      Dim LastRow As Long, StudRow As Long
5      Dim Mess As String, Subj As String, Email As String, QuizFileName As String
6      Dim StudName As String, StudID As String, QuizName As String
7      Dim ActWkBk As Workbook, QuizWkBk As Workbook
8      Dim ActWkBkFileName As String, QuizWkBkFileName As String
9      Dim OutApp As Object, OutMail As Object
10
11     'Prepare Quiz Workbook
12     Set ActWkBk = ThisWorkbook
13     ActWkBkFileName = ActWkBk.Path & "\" & ActWkBk.Name
14     ActWkBk.Save 'Save any changes in current workbook first
15     Sheet2.Activate 'Activate Quiz Sheet
16     ResetQuiz 'Run Reset Quiz Macro
17     Sheet1.Visible = xlSheetVeryHidden 'Hide Create Quiz Sheet
18     Sheet3.Visible = xlSheetVeryHidden 'Hide Quiz Results Sheet
19     Sheet4.Visible = xlSheetVeryHidden 'Hide Students Sheet
20     Sheet5.Visible = xlSheetVeryHidden 'Hide Quiz Data sheet
21
22     With Sheet4
23         LastRow = .Range("B999").End(xlUp).Row 'Last Student Row
24         If LastRow < 3 Then GoTo NoStudents
25
26         QuizWkBkFileName = ActWkBk.Path & "\" & "QuizWorkbook.xlsm" 'Set New Quiz Workbook
27         Name
28         On Error Resume Next
29         Kill (QuizWkBkFileName) 'Delete any existing workbook with the same name
30         On Error GoTo 0
31
32         ActWkBk.SaveAs QuizWkBkFileName 'Create New Workbook for Students
33
34         Set OutApp = CreateObject("Outlook.Application") 'Sets the Outlook Application
35         QuizName = Sheet1.Range("F4").Value 'Quiz Name
36
37         For StudRow = 3 To LastRow 'Loop though students
38             If .Range("D" & StudRow).Value <> Empty Then 'Check for Email
39                 StudName = .Range("B" & StudRow).Value 'Student Name
40                 StudID = .Range("C" & StudRow).Value 'Student ID'
41                 Email = .Range("D" & StudRow).Value 'Email Address
42                 Subj = .Range("L3").Value 'Subject
43                 Mess = .Range("L4").Value 'Email Message
44
45                 Subj = Replace(Replace(Replace(Subj, "#QuizName#", QuizName), "#StudName#",
46                     StudName), "#StudID#", StudID)
47                 Mess = Replace(Replace(Replace(Mess, "#QuizName#", QuizName), "#StudName#",
48                     StudName), "#StudID#", StudID)
49                 Set OutMail = OutApp.CreateItem(0) 'Creates the email
50                 With OutMail
51                     .To = Email 'Student Email
52                     .attachments.Add QuizWkBkFileName 'Student Workbook
53                     .Subject = Subj 'Create Subject
54                     .Body = Mess 'Create Message
55                     If Sheet1.Range("J4").Value = "Display" Then .Display Else .send 'Send or
56                         Display based on option in Quiz Creator Screen
57                 End With
58             End If
59         Next StudRow
60     End With
61 End Sub

```

```

1
58   Workbooks.Open ActWkBkFileName
59   ActWkBk.Close False
60   NoStudents:
61   End Sub
62
63
64
65   Sub EmailResults()
66       Dim LastRow As Long, StudRow As Long
67       Dim Mess As String, Subj As String, Email As String
68       Dim StudName As String, StudID As String, QuizName As String, AvgTime As String, AvgScore
69       Dim TotQuiz As Long, TotQuest As Long, TotCorrect As Long, AvgScore As Long
70       Dim OutApp As Object, OutMail As Object
71
72       With Sheet4
73           LastRow = .Range("B999").End(xlUp).Row 'Last Student Row
74           If LastRow < 3 Then GoTo NoStudents
75
76           Set OutApp = CreateObject("Outlook.Application") 'Sets the Outlook Application
77           QuizName = Sheet1.Range("F4").Value 'Quiz Name
78
79           For StudRow = 3 To LastRow 'Loop though students
80               If .Range("D" & StudRow).Value <> Empty Then 'Check for Email
81                   StudName = .Range("B" & StudRow).Value 'Student Name
82                   StudID = .Range("C" & StudRow).Value 'Student ID'
83                   Email = .Range("D" & StudRow).Value 'Email Address
84                   TotQuiz = .Range("E" & StudRow).Value 'Total Quizzes
85                   TotQuest = .Range("F" & StudRow).Value 'Total Questions
86                   TotCorrect = .Range("G" & StudRow).Value 'Total Correct
87                   AvgScore = Application.WorksheetFunction.Text(.Range("H" & StudRow).Value, "0%")
88                   AvgTime = Application.WorksheetFunction.Text(.Range("I" & StudRow).Value,
89                       "h:mm:ss") ' Average Time
90                   Subj = .Range("N3").Value 'Subject
91                   Mess = .Range("N4").Value 'Email Message
92
93                   Subj = Replace(Replace(Replace(Replace(Replace(Replace(Replace(Replace(Subj,
94                       "#QuizName#", QuizName), "#StudName#", StudName), "#StudID#", StudID),
95                       "#TotQuizzes#", TotQuiz), "#TotQuest#", TotQuest), "#TotCorrect#", TotCorrect)
96                       , "#AvgScore#", AvgScore), "#AvgTime#", AvgTime)
97                   Mess = Replace(Replace(Replace(Replace(Replace(Replace(Replace(Mess,
98                       "#QuizName#", QuizName), "#StudName#", StudName), "#StudID#", StudID),
99                       "#TotQuizzes#", TotQuiz), "#TotQuest#", TotQuest), "#TotCorrect#", TotCorrect)
100                      , "#AvgScore#", AvgScore), "#AvgTime#", AvgTime)
101                   Set OutMail = OutApp.CreateItem(0) 'Creates the email
102                   With OutMail
103                       .To = Email 'Student Email
104                       .Subject = Subj 'Create Subject
105                       .Body = Mess 'Create Message
106                       If Sheet1.Range("J4").Value = "Display" Then .Display Else .send 'Send or
107                           Display based on option in Quiz Creator Screen
108                   End With
109               End If
110           Next StudRow
111       End With
112       NoStudents:
113   End Sub

```


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```

1 Option Explicit
2 Sub AddResults()
3     Dim FSO As Object, FileFolder As Object
4     Dim FolderPath As String, FileName As String, FilePath As String, ResultsText As String
5     Dim FileNumb As Long, ItemNumb As Long, ResultsRow As Long
6     Dim AllResults() As String
7
8
9     If Sheet1.Range("H3" ).Value = Empty Then Exit Sub 'Exit On no folder
10    Set FSO = CreateObject("Scripting.FileSystemObject" )
11
12    FolderPath = Sheet1.Range("H3" ).Value
13    On Error Resume Next 'Trap errors on incorrect folder
14    Set FileFolder = FSO.GetFolder(FolderPath)
15    If FileFolder Is Nothing Then
16        MsgBox "Please select a correct results location"
17        GetResultsFolder
18        Exit Sub 'Exit on incorrect folder
19    End If
20    On Error GoTo 0
21
22    If FileFolder.Files.Count = 0 Then Exit Sub 'Exit on No Files
23    ResultsRow = Sheet5.Range("B99999" ).End(xlUp).Row + 1 'First Available Row
24    FileName = Dir(FolderPath & "\*.txt" )
25    Do While Len(FileName) > 0
26        FilePath = FolderPath & "\" & FileName 'Full File Path
27        Open FilePath For Input As #1 'Open text file
28        Line Input #1, ResultsText 'Get text from file into a string
29        Close #1 'Close text file
30
31        AllResults = Split(ResultsText, Chr(10)) 'Put Values in an array
32        For ItemNumb = 0 To 7
33            Sheet5.Cells(ResultsRow, ItemNumb + 2).Value = AllResults(ItemNumb)
34        Next ItemNumb
35        Kill (FilePath) 'Delete Text File once imported
36        ResultsRow = ResultsRow + 1
37        FileName = Dir() 'Clear Current File name
38    Loop
39 End Sub
40
41
42 Sub GetResultsFolder()
43     Dim ResultsFolder As FileDialog
44     Set ResultsFolder = Application.FileDialog(msoFileDialogFolderPicker)
45     With ResultsFolder
46         .Title = "Browse For Results Folder"
47         .AllowMultiSelect = False
48         If .Show <> -1 Then GoTo NoSelection
49         Sheet1.Range("H3" ).Value = .SelectedItems(1)
50     End With
51     NoSelection:
52
53 End Sub

```

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```

1
2
3
4 Sub CloseQuizResults()
5     Sheet2.Shapes("QuizResults" ).Visible = msoFalse
6     Sheet2.Shapes("ThankYou" ).Visible = msoFalse
7     Sheet2.Shapes("ResetQuizBtn" ).Visible = msoCTrue
8 End Sub
9
10 Sub FinishQuiz()
11     Dim QuestNumb As Long, AnswerNumb As Long
12     With Sheet2
13         QuestNumb = .Range("B2" ).Value 'Question #
14         'Hide Questions & pictures (if any)
15         On Error Resume Next
16         .Shapes("QuestPic" & QuestNumb).Delete 'Delete any remaining Picture (if any)
17         On Error GoTo 0
18
19         'Hide All Options & Checkboxes
20         For AnswerNumb = 1 To 5
21             .Shapes("Option" & AnswerNumb).Visible = msoFalse
22             .Shapes("CheckBox" & AnswerNumb).Visible = msoFalse
23         Next AnswerNumb
24         .Range(4 & ":" & 17).EntireRow.Hidden = False 'Show All Rows
25         .Range(21 & ":" & 23).EntireRow.Hidden = False 'Show All Rows
26         Sheet3.Range("A2" ).Value = Now 'Add Current Date & time
27         Sheet3.Range("D2" ).Value = Now - .Range("B1" ).Value 'Total Quiz Time
28         Sheet3.Range("E2" ).Value = .Range("B2" ).Value 'Total Questions
29         Sheet3.Range("H2" ).Value = Sheet1.Range("F4" ).Value 'Quiz Name
30         .Range("B2" ).Value = "-" 'Clear Question #
31         .Range("F24:G25,D5:D9" ).ClearContents 'Clear answers
32         If Sheet1.Range("H4" ).Value = "Yes" Then
33             .Shapes("QuizResults" ).Visible = msoCTrue 'Show results only on Yes answer
34         Else:
35             .Shapes("ThankYou" ).Visible = msoCTrue
36         End If
37         .Shapes("FinishBtn" ).Visible = msoFalse
38         SendResults 'Send Results to Google sheets
39     End With
40 End Sub

```

```

41
42 Sub LoadQuestion()
43     Dim QuestNumb As Long, AnswerRow As Long, LastQuestRow As Long, LastQuestNumb, ShapeNumb
44     As Long
45     Dim PicShape As Shape
46     Dim QuestType As String
47     LastQuestRow = Sheet1.Range("D999" ).End(xlUp).Row
48     LastQuestNumb = Sheet1.Range("D" & LastQuestRow)
49     With Sheet2
50         .Range("F24:G25,D5:D9" ).ClearContents 'Clear Previous Results
51         'Clear Previous Checkboxes & Options
52         For ShapeNumb = 1 To 5
53             .Shapes("CheckBox" & ShapeNumb).Visible = msoFalse
54             .Shapes("Option" & ShapeNumb).Visible = msoFalse
55         Next ShapeNumb
56         QuestNumb = .Range("B2" ).Value 'Question #
57         'Set Question Type
58         If .Range("D2" ).Value = "Checkboxes" Then
59             QuestType = "CheckBox"
60         ElseIf .Range("D2" ).Value = "Multiple Choice" Then
61             QuestType = "Option"

```

1 2 3

```

1 2 3
61 End If
62 If QuestType = "" Then QuestType = "Text"
63 On Error Resume Next
64 .Shapes("QuestPic" & QuestNum - 1).Delete
65 .Shapes("QuestPic" & QuestNum).Delete
66 On Error GoTo 0
67 On Error Resume Next
68 Set PicShape = Sheet1.Shapes("QuestPic" & QuestNum)
69 On Error GoTo 0
70 If Not PicShape Is Nothing Then 'Picture Exists
71 .Range(4 & ":" & 17).EntireRow.Hidden = False
72 PicShape.Copy
73 Sheet2.Range("F3" ).Select
74 On Error Resume Next
75 Sheet2.PasteSpecial
76 Selection.Name = "QuestPic" & QuestNum
77 With Sheet2.Shapes("QuestPic" & QuestNum)
78 .LockAspectRatio = msoCTrue
79 .Left = Sheet2.Range("F3" ).Left
80 .Top = Sheet2.Range("F3" ).Top
81 .IncrementLeft -3
82 If .Height < .Width Then .Width = 433 Else: .Height = 230
83 If .Height > 240 Then .Height = 240
84 .Visible = msoCTrue
85 End With
86 Else: 'no picture, hide extra rows 4 through 17
87 .Range(4 & ":" & 17).EntireRow.Hidden = True
88 End If
89
90 If LastQuestNum = QuestNum Then 'on Final question
91 .Shapes("NextBtn" ).Visible = msoFalse
92 .Shapes("FinishBtn" ).Visible = msoCTrue
93 Else:
94 .Shapes("NextBtn" ).Visible = msoCTrue
95 .Shapes("FinishBtn" ).Visible = msoFalse
96 End If
97
98 'show or hide option rows
99 If .Range("D2" ).Value = "Text" Then .Range(21 & ":" & 23).EntireRow.Hidden = True
100 Else _
101 .Range(21 & ":" & 23).EntireRow.Hidden = False
102
103 'Display option or checkboxes
104 If QuestType <> "Text" Then
105 For AnswerRow = 5 To 9
106 If .Range("B" & AnswerRow).Value <> 0 Then .Shapes(QuestType & AnswerRow - 4).
107 Visible = msoCTrue
108 Next AnswerRow
109 End If
110
111 If QuestType = "Text" Then .Range("F24" ).Select Else .Range("F4" ).Select 'Select
112 something other than a picture
113 End With
114 End Sub
115
116 Sub QuestionAnswered()
117 Dim LastQuestRow As Long, QuestNum As Long, LastQuestNum As Long, AnswerRow, AnswerCount
118 As Long
119 Dim QuestType As String, CorrectAnswer As String, UserAnswer As String
120 LastQuestRow = Sheet1.Range("D999" ).End(xlUp).Row
121 LastQuestNum = Sheet1.Range("D" & LastQuestRow)
122 AnswerRow = Sheet3.Range("A999" ).End(xlUp).Row + 1 'First available Answer Row

```

```

1
118 With Sheet2
119     QuestType = .Range("D2").Value 'Question Type
120     'Check If question has been answered
121     If QuestType = "Text" And .Range("F24").Value = Empty Or QuestType <> "Text" And .
122         Range("B13").Value = 5 Then
123         MsgBox "Please make sure to answer the question before moving on"
124         End
125     End If
126     Sheet3.Range("A" & AnswerRow).Value = .Range("B2").Value 'Question #
127     Sheet3.Range("B" & AnswerRow).Value = .Range("D2").Value 'Question Type
128
129     'Determine Correct Answer
130     If QuestType = "Multiple Choice" Then
131         On Error Resume Next
132         CorrectAnswer = .Range("B11").Value
133         UserAnswer = .Range("B12").Value
134         If CorrectAnswer = UserAnswer Then Sheet3.Range("E" & AnswerRow).Value = True Else:
135             Sheet3.Range("E" & AnswerRow).Value = False
136         End If
137     If QuestType = "Checkboxes" Then
138         For AnswerCount = 5 To 9
139             If .Range("C" & AnswerCount).Value = "ü" Then CorrectAnswer = CorrectAnswer & .
140                 Range("B" & AnswerCount).Value & "," 'Build Correct Answer
141             If .Range("D" & AnswerCount).Value = True Then UserAnswer = UserAnswer & .Range(
142                 "B" & AnswerCount).Value & "," 'Build User Answer
143             Next AnswerCount
144             If CorrectAnswer = UserAnswer Then Sheet3.Range("E" & AnswerRow).Value = True Else:
145                 Sheet3.Range("E" & AnswerRow).Value = False
146         End If
147     If QuestType = "Text" Then
148         CorrectAnswer = .Range("C5").Value 'Correct Answer
149         UserAnswer = .Range("F24").Value 'User Answer
150         If InStr(CorrectAnswer, UserAnswer) > 0 Then Sheet3.Range("E" & AnswerRow).Value =
151             True Else: Sheet3.Range("E" & AnswerRow).Value = False
152         End If
153     Sheet3.Range("C" & AnswerRow).Value = CorrectAnswer 'Update Results Sheet with
154     Correct Answer
155     Sheet3.Range("D" & AnswerRow).Value = UserAnswer 'Update Results Sheet with
156     UserAnswer
157     .Range("B2").Value = .Range("B2").Value + 1 'Increment Question #
158     QuestNum = .Range("B2").Value 'question #
159     'Display Finish or Next buttons
160     If LastQuestNum = QuestNum Then 'on Final question
161         .Shapes("NextBtn").Visible = msoFalse
162         .Shapes("FinishBtn").Visible = msoTrue
163     End If
164     If LastQuestNum > QuestNum Then 'Not Final Question
165         .Shapes("NextBtn").Visible = msoTrue
166         .Shapes("FinishBtn").Visible = msoFalse
167     End If
168     If LastQuestNum < QuestNum Then
169         .Range("B2").Value = .Range("B2").Value - 1 'Reset to last question #
170         FinishQuiz
171     End If
172 End With
1

```

```
1
171 LoadQuestion 'Load Next question
172 End Sub
173
174 Sub ResetQuiz()
175 Dim AnswerNumb As Long
176 Dim LastRow As Long, AnswerRow As Long
177 LastRow = Sheet1.Range("D9999" ).End(xlUp).Row
178 'Clear Any temporary results
179 Sheet3.Range("A2:E2,A4:G99" ).ClearContents
180 With Sheet2
181 .Range("G2,G4" ).ClearContents
182 'Hide All Options & Checkboxes
183 .Shapes("ResetQuizBtn" ).Visible = msoFalse 'Hide reset button
184 For AnswerNumb = 1 To 5
185 .Shapes("Option" & AnswerNumb).Visible = msoFalse
186 .Shapes("Checkbox" & AnswerNumb).Visible = msoFalse
187 Next AnswerNumb
188 'Remove any pictures
189 For AnswerRow = 6 To LastRow Step 5
190 On Error Resume Next
191 Sheet2.Shapes("QuestPic" & Sheet1.Range("D" & AnswerRow).Value).Delete
192 On Error GoTo 0
193 Next AnswerRow
194 .Range("B2,D5:D9" ).ClearContents
195 .Shapes("StartQuizBtn" ).Visible = msoTrue
196 .Shapes("FinishBtn" ).Visible = msoFalse
197 Sheet2.Activate
198 .Range("G2" ).Select
199 End With
200 End Sub
201
202 Sub StartQuiz()
203 With Sheet2
204 If .Range("G2" ).Value = Empty Then
205 MsgBox "Please enter your name to take the quiz"
206 Exit Sub
207 End If
208
209 .Shapes("StartQuizBtn" ).Visible = msoFalse 'Hide Start button
210 .Range("B2" ).Value = 1 'Set first question
211 Sheet3.Range("B2" ).Value = .Range("G2" ).Value 'Name
212 Sheet3.Range("C2" ).Value = .Range("G4" ).Value 'ID
213 .Range("G2,G4" ).ClearContents 'Clear Name & Ide
214 LoadQuestion
215 .Range("B1" ).Value = Now 'Set Start Time & Date
216 End With
217 End Sub
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```
1 Option Explicit
2
3 Sub SendResults()
4     Dim objHTTP As Object
5     Dim Json As String, URL As String
6     Dim StudName As String, StudID As String, QuizName As String
7     Dim TotQuest As Long, TotCorrect As Long, TotIncorrect As Long
8     Dim SubmitOn As Date, TotTime As Date
9     With Sheet3
10        SubmitOn = .Range("A2").Value 'Current Date & Time
11        StudName = .Range("B2").Value 'Student Name
12        StudID = .Range("C2").Value 'Student ID
13        TotTime = .Range("D2").Value 'Total Time
14        TotQuest = .Range("E2").Value 'Total Questions
15        TotCorrect = .Range("F2").Value 'Total Correct
16        TotIncorrect = .Range("G2").Value 'Total Incorrect
17        QuizName = .Range("H2").Value 'Quiz Name
18        Set objHTTP = CreateObject("MSXML2.ServerXMLHTTP")
19        On Error GoTo ErrMess 'Paste in your OWN webhook below (See video training for
        details)
20        URL = "[Enter Your Webhook Here]/?submittedon=" & SubmitOn _
21            & "&StudName=" & StudName & "&ID=" & StudID & "&TotalTime=" & TotTime &
22            "&TotalQuestions=" & TotQuest _
23            & "&TotalCorrect=" & TotCorrect & "&TotalIncorrect=" & TotIncorrect & "&QuizName=" &
24            QuizName
25        objHTTP.Open "PATCH", URL, False
26        objHTTP.setRequestHeader "Content-type", "application/json"
27        objHTTP.send (Json) 'Send Information
28    End With
29    Exit Sub
30    ErrMess:
31    MsgBox "Please make sure to get your own Webhook from Zapier and paste it into the code"
32 End Sub
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```
1 Option Explicit
2
3 Sub DispaySubmitTicketForm()
4     SubmitTicketForm.Show
5 End Sub
6 Sub SendTicket()
7     'This Macro Requires Reference to "Microsoft XML, v6.0" (VBA Editor > Tools > References,
8     'Created By Randy Austin of www.ExcelForFreelancers.com
9
10    Dim SendLink As String, StartLink As String, EndLink As String, HeaderName As String,
11    SendID As String
12    Dim ReportedBy As String, EmailAdd As String, IssType As String, IssDesc As String
13    Dim TicketInfo As MSXML2.ServerXMLHTTP60
14    HeaderName = "Content-Type"
15    SendID = "application/x-www-form-urlencoded; charset=utf-8"
16    'Get Form Details
17    ReportedBy = SubmitTicketForm.SenderName.Value 'Reported By Name
18    EmailAdd = SubmitTicketForm.SenderEmail.Value 'Reported By Email Address
19    IssType = SubmitTicketForm.IssueType.Value 'Issue Type
20    IssDesc = SubmitTicketForm.Description.Value 'Issue Description
21
22    StartLink =
23    "https://docs.google.com/forms/d/e/1FAIpQLScaXsTsNxWDNxg4CuMIpm3uKy4aFFm8aC8Fw2pzhSYZN8snTA
24    /formResponse?ifq"
25    EndLink = "&entry.1301421684=" & ReportedBy & "&entry.606095064=" & EmailAdd &
26    "&entry.2080720803=" & IssType & "&entry.1773665967=" & IssDesc & "&submit=Submit"
27    SendLink = StartLink & EndLink
28
29    Set TicketInfo = New ServerXMLHTTP60
30    TicketInfo.Open "POST" , SendLink, False
31
32    TicketInfo.setRequestHeader HeaderName, SendID
33    TicketInfo.send
34
35    If TicketInfo.statusText = "OK" Then 'Check for successful send
36        MsgBox "Thank you for submitting a ticket. We will email you a response shortly"
37    Else
38        MsgBox "Please check your internet conenction & required details"
39    End If
40 End Sub
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Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

Thank you so much for your continued shares, likes and support. It really helps.



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