



Advanced Software

Pearson Software Consulting

www.cpearson.com chip@cpearson.com

Office Integration Projects
NET Programming
XML Development

Design And Development

Search The Site:

Search

Home

Topic Index

What's New

Search

Consulting

Downloads

Feedback

Contact

Site Topic Index

This page lists the topics covered on the web site.

This page lists all the various topics covered on the web site. If you find a mistake or bad link, please use the [Feedback](#) page to let me know.

A

[Absolute And Relative Cell References](#)
[Activating Excel From Other Applications](#)
[ActiveCell, Highlighting](#)
[Add-Ins, Automation, Creating](#)
[Add-Ins, COM, Creating With VB6](#)
[Add-Ins, Creating](#)
[Add-Ins, VBA Add-Ins For The VBA Editor](#)
[Add-Ins, Installing And Loading](#)
[Add-Ins And Utilities, Third Party](#)
[Age, Calculating](#)
[ALT, SHIFT, and CTRL Testing State Of Key](#)
[Analysis Tool Pack \(ATP\), Installing](#)
[Analysis Tool Pack, Calling Function From VBA](#)
[AnyXML, Allowing optional and arbitrary XML content with an XSD Schema](#)
[API Functions, Getting Error Information](#)
[Application Events](#)
[Application Shutdown, Detecting And Taking Action](#)
[Application-Level Names](#)
[Arguments, Passing ByVal And ByRef](#)
[Array Formulas, Described](#)
[Array, Converting To Columns](#)
[Array, Testing If Allocated](#)
[Array, Testing If Sorted](#)
[Arrays, Determining Data Type Of](#)
[Arrays, Number Of Dimensions](#)
[Arrays, Passing To Procedures And Returning From Functions](#)
[Arrays, Passing Arrays Between Arrays And The Worksheet](#)
[Arrays, Randomizing \(Shuffling\) Order Of Elements](#)
[Arrays, Returning From User Defined Functions](#)
[Arrays, VBA Function Library \(30 procedures\)](#)
[Arrays, Reversing](#)
[Arrays, Sorting](#)
[Arrays Of Objects, Sorting](#)
[Arrays, Utility Procedures For](#)
[Attachments In Newsgroups, Why Not](#)
[Attributes, Descriptions To Display In Object Browser](#)
[Automatically Closing A Workbook After Idle Time](#)
[Automation Add-Ins And Function Libraries](#)
[Automation Add-In And Function Libraries With NET](#)
[Averages, Ignoring Zero Values](#)
[Averages, Weighted](#)
[Averaging Values In A Range](#)
[Averaging Highest Or Lowest Values](#)

B

[Bandings, Color Banding With Conditional Formatting](#)
[Bandings, Content Based Banding](#)
[Birthdays And Age](#)
[Bitness, 32-Bit And 64-Bit Excel](#)
[Blank Cells, Eliminating](#)
[Blank Rows, Deleting](#)

M

[Macro-Sheet Function, Calling From Worksheet Cell](#)
[Macros, Adding or Deleting With VBA Code](#)
[Macros, As Opposed To Functions](#)
[Macros, Ensuring Macros Are Enabled, Technique 1 \(Sheet Visibility\)](#)
[Macros, Ensuring Macros Are Enabled, Technique 2 \(Calculations With Errors\)](#)
[Macros, Running From Worksheet Cell](#)
[Matrix To Vector Formulas](#)
[Maximum Values, Persistent](#)
[Me Reference, Self-referencing an instance of a class](#)
[Menu Items, Creating Manually](#)
[Menu Items, Creating With VBA Code](#)
[Menu Items, Creating For The VBA Editor](#)
[Merging Lists Without Duplicates](#)
[Minimum And Maximum Values](#)
[Minimum And Maximum Values, Persistent](#)
[Missing References In A VBA Project](#)
[MOD worksheet function and VBA Mod operator](#)
[problems with very large numbers,](#)
[Modified File, Returning The Most Or Least Recently Modified File In A Folder](#)
[Modules, Adding And Deleting With Code](#)
[Modules, Adding descriptions for the Object Browser](#)
[Months, Calculating Fractional Months](#)
[Most Or Least Common Entry In A List](#)
[Moving A Form With The Window](#)
[Multiple Directories, Creating](#)
[Multiple Monitors](#)
[My Documents Folder, Finding For The Current User](#)

N

[Named Ranges](#)
[Named Range Box, Increase The Size Of](#)
[Named Range Box, Shortcut Keystroke](#)
[Nested Function, Exceeding Limit](#)
[NET Function Libraries](#)
[NETWORKDAYS, A Better Way](#)
[Newsgroups, Connecting To](#)
[Newsgroups, Excel Related](#)
[Newsgroups, Hints For New Posters](#)
[Newsgroups, Problems Posting To](#)
[Next And Previous Worksheets](#)
[Non-blank Cells, Returning From Range](#)
[Non-duplicate Random Numbers](#)
[Non-zero Averages](#)

O

[Objects, Declaring](#)
[Objects, Sorting Arrays Of Objects](#)
[Objects, Connected And Disconnected](#)

[Blinking Text](#)
[Bracket Pricing, Formulas For](#)
[Break In Class Module Error Trapping Setting](#)
[Breakpoints In Debugging](#)
[Browse For Folder](#)
[Built-In Document Properties](#)
[Button Image, Custom Pictures](#)
[ByRef and ByVal Parameter Passing](#)

C

[CALL Worksheet Function](#)
[Caption of a Window and the Hide Extensions setting](#)
[Case, Converting Text To Upper or Lower Case](#)
[Cell Contents, Displaying Hidden Characters](#)
[Cell, Last Cell In Row Or Column](#)
[Cell References, Absolute And Relative](#)
[CELL Function](#)
[Cell Values And Displayed Text](#)
[Cell, Last Cell In A Range](#)
[Cells, Referring To Cells In Another Range](#)
[CellView Add-In](#)
[Centering The Screen On A Range Of Cells](#)
[Character Tests For Strings](#)
[Characters, Counting In A String](#)
[Characters, Finding In A String](#)
[Characters, Special characters in Excel](#)
[Child Windows with UserForms](#)
[Circular References, Example](#)
[Class Modules](#)
[Class Instances, Self-referencing](#)
[Class Names, Window Class Name Of Office Applications](#)
[Classes, Default Member Of](#)
[Clipboard, Windows](#)
[Cloning A Folder](#)
[Close, Detecting And Taking Action When Excel Closes](#)
[Closing A Workbook Automatically After Idle Time](#)
[Code Modules](#)
[Code And Formula Usage, Legal Considerations](#)
[CodeName property](#)
[CodeName, Using To Prevent Run Time Errors](#)
[Code Modules](#)
[Code, Where to put it and how to use it](#)
[Collections And Dictionaries, Procedures for, Sorting](#)
[Colors, Counting And Summing](#)
[Cells Based On Font or Interior Color](#)
[Colors, RGB Values](#)
[Color Picker, Displaying A Color Picker To The User](#)
[Colors, Sorting By](#)
[Color Banding With Conditional Formatting](#)
[Column To Table Conversion](#)
[Column To Matrix Formulas](#)
[Column To Table Conversion, Variable Block Size](#)
[Column Or Row From Table Conversion](#)
[COM Add-Ins, Getting The DLL Name Of](#)
[COM Add-Ins, Creating With VB6](#)
[COM Add-Ins, Adding Menu Item For Dialog](#)
[COM Add-Ins, Installer](#)
[COM Add-Ins And Automation Add-Ins, Installing](#)
[COM Add-Ins In Excel 2007](#)
[Comments, Sending Comments About The Site To The WebMaster](#)
[Concatenating Strings, a better method than](#)
[CONCATENATE](#)
[Conditional Formatting](#)
[Command Bar Images, Custom Pictures](#)
[Conditional Formatting, Using Cells On Other Sheets](#)
[Conditional Formatting, Determining If Active](#)
[Connected And Disconnected Object Variables](#)
[Converting A Column To A Table](#)
[Converting A Table To A Column Or Row](#)
[CTRL, SHIFT and ALT, Testing State Of Key](#)
[Copyright And Trademark Usage of contents of this site](#)
[Counting Cells Based On Font Or Interior Color](#)
[Counting Cells With A Specific Content Type](#)
[Counting Values Between Two Numbers](#)
[COUNTIF with multiple criteria](#)
[Counting Characters In A String](#)
[Counting Words In A Cell Or On A Worksheet](#)
[CSV Files, Importing Files With More Than 64K Records](#)
[Custom Document Properties, Reading And Writing In](#)
[Open And Closed Files](#)

D

[Data Validation, Using Cells On Other Sheets](#)
[Date Functions, Common And Useful](#)
[Date Intervals, Formulas For](#)
[Dates, Adding And Subtracting](#)
[Dates, Differences Between](#)
[Dates, Distributing Across Months Or Years](#)

[OnTime Method In VBA](#)
[On Error handling](#)
[Optimizing VBA Code](#)
[Optional Parameters To A Function](#)
[Optional And Arbitrary XML defined in an XSD Schema](#)
[Option Explicit](#)
[Order, Reversing Cell](#)
[Ordinal Numbers In Excel](#)
[Overtime Hours In Timesheets](#)

P

[ParamArray parameters to a VB Function](#)
[Parameters, Passing ByRef And ByVal](#)
[Parameters, Optional Parameters To A Function](#)
[Passing Parameters ByRef And ByVal](#)
[Parent Windows, With Userforms](#)
[Passing And Returning Arrays From Procedures](#)
[Passwords, Forgotten](#)
[PathCompactPathEx API Function](#)
[Pause Code For User Input](#)
[Pause Code Execution](#)
[Phone Numbers, Parsing](#)
[Pictures On Command Bar Items, Custom](#)
[Pivot Tables, An Introduction](#)
[Positioning UserForms To Cells](#)
[Preventing Duplicate Entry](#)
[Previous And Next Worksheets](#)
[Printing Cell Comments To Word](#)
[Printing Multiple Worksheets](#)
[Pricing, Progressive And Bracket](#)
[Prime Numbers And Prime Twins, Testing A Number](#)
[Printers, Getting A List Of Installed Printers](#)
[Printing Cell Formulas To Word](#)
[Procedure Attributes For The Object Browser](#)
[Procedure Name, Automatically Inserting Into](#)
[Procedure with CONST declarations](#)
[Procedures, Scope And Visibility](#)
[Progress Bar, Displaying while running code](#)
[Proper Case, Converting Text To Proper Case](#)
[Properties, Document: Using With VBA](#)
[Protection of workbooks, worksheets, and VBA](#)

Q

[Quarter, Determining From Date](#)
[QSort, Sorting Arrays Of Variables](#)
[QSort, Sorting Arrays Of Objects](#)
[QSortObjectCompare Example Function](#)

R

[Random Numbers In Excel And VBA](#)
[Randomize The Order Of Elements In An Array](#)
[Ranges, Converting To Column](#)
[Ranges, Referring To Cells In Another Range](#)
[Ranking Data In List \(and associated topics\)](#)
[Recursive Code, Example Of](#)
[Recursive Programming Techniques](#)
[Recursive Code, Illustrated With The File System Object](#)
[Recycle Bin](#)
[Recycling A File Or Folder](#)
[Recycling The Contents Of A Folder](#)
[References, Setting To VB Projects](#)
[References, Missing References In A VBA Project](#)
[Registry, Functions For Working With The Registry](#)
[RegistryWorx DLL Registry Component](#)
[Relative worksheet addressing](#)
[Renaming Worksheets, Avoiding VBA Problems](#)
[Returning Every Nth Value In A Range](#)
[Relative And Absolute Cell References](#)
[Returning Arrays From User-Defined Functions](#)
[Reversing A Range Of Cells](#)
[Reversing An Array](#)
[Rounding Errors And Precision](#)
[Rounding Times](#)
[Row To Matrix Formulas](#)
[RowLiner Cell Highlighting Add In](#)
[Rows, Deleting Blank](#)
[Rows, Deleting Duplicate](#)
[Row, Returning a table into a single row](#)
[RSS Feed, Get What's New Information via an RSS Feed](#)

S

[Dates, Excel Serial Format](#)
[Date, File Date And Times, Returning and Setting](#)
[Dates, Finding With VBA, Find Method](#)
[Dates, Quick Entry](#)
[Dates, Two Digit Years](#)
[Day Of Week, Returning Nth, Day Of Week In A Month \(VBA\)](#)
[Day Of Week, Returning](#)
[Daylight Savings Time](#)
[Daylight Savings Time Full Version](#)
[Daylight Savings Time And Time Zones](#)
[Day Of Week In A Month](#)
[Days Between Dates, A Better NETWORKDAYS](#)
[Days In Month, First And Last Days In Month](#)
[DATEDIF Function](#)
[Days Of The Week Functions, Formulas and VBA](#)
[Debugging VBA Code](#)
[Declaring Variables In VBA](#)
[Declaring Using Option Explicit](#)
[Default Member Of A Class](#)
[Defined Names In Excel](#)
[Defined Name Shortcut Keystroke](#)
[Degrees, Minutes, And Seconds](#)
[Deleting Blank Rows](#)
[Deleting Duplicate Rows](#)
[Deleting Duplicate Rows With Advanced Filter](#)
[Deleting Contents Of A Folder](#)
[Deleting A File Or Folder](#)
[Deleting VBA Code](#)
[Delimited Text, Extracting Elements](#)
[Desktop, Getting Folder Name Of](#)
[Diagonal Elements Of A Range, Summing](#)
[Dictionaries And Collections, Procedures for, Sorting](#)
[Directories, User Specific](#)
[Directories, Creating A Tree List](#)
[Directories, Creating Subdirectories](#)
[DirTree Add-in](#)
[Directory Listing, Quick And Easy](#)
[Distribution And Usage Of Code And Formulas](#)
[Distinct Elements In A Range](#)
[Distinct Items In Lists](#)
[Distinct Items In Lists](#)
[Distinct Values VBA Functions, Returns Array Of](#)
[Distinct Values](#)
[DLL, Error Codes From Windows DLLs](#)
[DLL Name Of A COM AddIn](#)
[Document Properties, Reading And Modifying With VBA](#)
[Download Files From The Internet](#)
[Downloads](#)
[Duplicate Items In Lists](#)
[Document Properties, Reading Modifying In Both Open And Closed Files](#)
[Duplicating A Folder](#)
[Duplicate Entries, Highlighting](#)
[Duplicate Entries, Preventing](#)
[Duplicate Entries, Replacing](#)
[Dynamic Ranges](#)

E

[Easter, Calculation Of Date](#)
[Element Common To Two Lists](#)
[Email, Sending With VBA](#)
[Emptying A Folder](#)
[Enum Data Type](#)
[Ensuring Macros Are Enabled, Technique 1](#)
[Ensuring Macris Are Enabled, Technique 2](#)
[End User License Agreement \(EULA\)](#)
[Err.LastDLError property](#)
[Errors, Diagnosing Startup Errors](#)
[Error Handling](#)
[Errors, Returning From User Defined Functions](#)
[Error Text From Windows API Functions](#)
[Error Trapping, Break In Class Module setting](#)
[Events In VBA, Responding To And Creating Events](#)
[Events, Application](#)
[Events, Suppressing In UserForms](#)
[Every Nth Row, Getting Data From A Column](#)
[Exporting Data To Text Files](#)
[Exporting VBA Code To Text Files](#)
[Exporting data to a fixed field width text file.](#)
[Extension, File extensions and the Hide Extensions setting](#)

F

[FAQ \(Frequently Asked Questions\), Formal](#)
[Feedback, Sending Feedback To The WebMaster](#)
[Feet And Inches](#)
[Feet And Inches, Arithmetic With](#)
[File Attachments In Newsgroups, Why Not](#)
[File Descriptions and ProgIDs from a file name.](#)

[Save Copy And Zip - XLA Add-In](#)
[Save Copy And Zip - COM Add-In](#)
[Scheduling Procedures With OnTime](#)
[Scope Of Variables And Procedures](#)
[Screen Flicker When Programming To The VBA Editor](#)
[Scrolling To Center A Range](#)
[Scrolling, Detecting With VBA](#)
[Self-Referencing an instance of a class using "Me"](#)
[Selecting Current Array](#)
[Selecting Current Named Range](#)
[Selection, Saving And Returning To Sequence](#)
[Selection, Removing Active Cell Or Active Area](#)
[Series, Inserting Cells And Filling A Series](#)
[Series, Finding A Series Of Cells That Sums To A Number](#)
[Series, Testing Whether Values Are In Correct Series Order](#)
[Series, Testing Missing And Present Black Of Numbers](#)
[SetFocus, Keeping Focus On The Worksheet](#)
[SetParent Function For UserForms](#)
[Shading Cells](#)
[Sheet Name, Returning](#)
[Sheet Names, Returning \(VBA\)](#)
[Sheet Names, Returning By Formula](#)
[Shell Command, ShellAndWait](#)
[SHIFT, CTRL, and ALT, Testing State Of Key](#)
[Shortcut Keys](#)
[ShortenTextToChars Function](#)
[Shortcut Keys](#)
[Shuffling Order Of Elements In An Array](#)
[Shutdown, Detecting And Acting When Excel Shuts Down](#)
[64-Bit And 32-Bit Excel](#)
[SizeString Function](#)
[Sorted, Testing If An Array Is Sorted](#)
[Sorting By Cell Color](#)
[Sorting Arrays](#)
[Sorting Arrays Of Objects](#)
[Sorting Collections And Dictionaries](#)
[Sorting Worksheets](#)
[Sounds, Playing Sounds From VBA](#)
[Special Characters In Cells, Displaying Hidden Characters](#)
[Special Folders, Returning Names Of](#)
[Split Function, A Better Way](#)
[SplitEx Function](#)
[Standard Time And Daylight Savings Time](#)
[Startup Errors In Excel](#)
[Status Bar, Working With In VBA](#)
[Strings, Most Or Least Common In A Range](#)
[Strings, Concatenating With Ranges And Arrays](#)
[Strings, Counting Characters In](#)
[Strings, Finding Characters Or Digits](#)
[Strings, Fixed Length](#)
[Strings, Testing For Fixed Length](#)
[Strings, Shortening With PathCompactPathEx](#)
[Strings, General Formulas](#)
[SubClassing The ActiveWindow](#)
[Subfolders and Subdirectories, Creating](#)
[SUMIF, Multiple Criteria](#)
[Summing Cells Based On Font Or Interior Color](#)
[Summing Every Nth Value](#)
[Support, Getting Support For Excel](#)
[Symbols, Using special symbols with Excel](#)

T

[Tables, Lookup Functions For Tables](#)
[Table, Converting To Row Or Column](#)
[Table, Creating A Table From A Column, Variable Block Size](#)
[Telephone Numbers, Parsing](#)
[Temporary Files And Folders](#)
[Text Files, Importing And Exporting](#)
[Text Files, Importing Files With More Than 64K Records](#)
[Text Vs Value, Formulas And VBA](#)
[Text File, Importing And Exporting](#)
[TextBox, Restricting to numeric-only input](#)
[Thanksgiving, Calculation Of Date](#)
[32-Bit And 64-Bit Excel](#)
["This" reference is "Me" in VB/VBA](#)
[TimeBombing A Workbook](#)
[Timed Closing Of A Workbook](#)
[Timers, Scheduling Procedures](#)
[Times, Adding And Subtracting](#)
[Times, Daylight Savings And Standard](#)
[Times And Working Hours, Between Two Dates](#)
[Times, Quick Entry](#)
[Times, Rounding](#)
[Timesheets, Working With Regular And Overtime Hours](#)

[File, Testing If A File Is Open](#)
[File extensions and the Hide Extensions setting](#)
[File Times, Retrieving and Setting](#)
[File Names, Returning By Formula](#)
[File Name, Returning Most Or Least Recently Modified In A Folder](#)
[File Names, shortening with PathCompactPathEx](#)
[File Names In Window Captions](#)
[Files, Waiting For Open Files To Be Closed](#)
[FileSystemObject, Creating A Directory Tree](#)
[Filling A Series Of Data And Inserting Cells](#)
[Finding Cells In VBA, Including WildCard Matching](#)
[FindAll Function to search a range](#)
[FindAll XLA Add-In](#)
[Finding Values On Multiple Worksheets](#)
[FindWindowEx, Captions, and the Hide Extensions setting](#)
[First And Last Names, Extracting From A String](#)
[First And Last Elements In A List Range](#)
[Fixed field length text files, exporting to](#)
[Fixed Length Strings](#)
[Fixed Length Strings, Testing For](#)
[Flexible Lookups, An Alternative To VLOOKUP](#)
[Flickering, Screen Flickering When Code To The VBE](#)
[Flipping Or Reversing A Range With VBA](#)
[Floating Point Numbers](#)
[Focus, Keeping Focus On The Worksheet](#)
[Folder, Browse For](#)
[Folder, Deleting Contents](#)
[Folder, Creating An Exact Copy](#)
[Folders, Creating Subfolders](#)
[Folders, Creating A Tree List Of Subfolders And Files](#)
[Folders And Files In A TreeView Control](#)
[Folders, Returning User Specific Folders](#)
[Folder Tree Listing, Quick And Easy](#)
[Footers And Headers](#)
[Footers And Headers \(VBA code to customize\)](#)
[FormatMessage, Getting API Error Messages](#)
[Forms, Positioning To Cells](#)
[Forms, Moving With Windows](#)
[Forms, Showing A UserForm Determined At Run-time](#)
[Formula Bar, Shortcut To](#)
[Fractional Arithmetic](#)
[Fractional Months, Calculating](#)
[Functions, User Defined, Determine Whence It Was Called](#)
[Function Libraries As Automation Add Ins](#)
[Function Libraries Written In NET](#)
[Functions, As Opposed To Macros](#)
[Functions, Writing Your Own Function In VBA](#)
[Functions, Using Worksheet Functions In VBA](#)

G

[Games For Excel](#)
[GetInfo UDF](#)
[Getting Help From Newsgroups](#)
[GetLastError Windows API Function](#)
[GetSystemErrorMessageText Function](#)
[Global Variables, Application-wide Global Variables](#)
[Globally Unique Identifiers \(GUIDs\)](#)
[GMT And Local Times, And Windows Time Formats](#)
[Grades](#)
[Great Circle Distances](#)

H

[Headers And Footers](#)
[Headers And Footers \(VBA code to customize\)](#)
[Hidden And Visible Cells, Functions For](#)
[Hidden Name Space](#)
[Hide Extensions setting and VBA in Excel](#)
[High And Low Values, Persistent](#)
[Highlighting ActiveCell](#)
[HLOOKUP - A Better Way](#)
[Holidays, Calculation Of Dates](#)

I

[Icon, Changing Application Icon](#)
[IF Functions, Nested](#)
[Implementing Interfaces In Class Modules](#)
[Importing Text Files](#)
[Importing Text Files With More Than 64K Records](#)
[Inches And Feet, Arithmetic With](#)
[INDIRECT Worksheet Function](#)
[Inserting Cells And Filling A Series Of Data](#)
[Interfaces, Declaring And Implement In Class Modules](#)
[Internet, Downloading a file from](#)
[Intervals, Dates](#)

[Time Zones](#)
[Time Zones And Daylight Savings Time](#)
[Timers In Excel](#)
[Tools For Excel \(Free Add-ins\)](#)
[Tracking Workbook Opens And Closes](#)
[TreeView Control, Using To Display Folders And Files](#)
[TrimToChar Function](#)
[TrimToNull Function](#)
[Transposing A Range With Formulas](#)

U

[Union Method, A Better Way](#)
[Unique Entries, Counting](#)
[Unique Identifiers \(GUIDs\)](#)
[Unique Ranks](#)
[Unique Random Numbers](#)
[Unique Values In A Range, VBA Function To Return](#)
[Disinct Items](#)
[UnSelecting A Cell Or Area](#)
[Upper Case, Converting Text To Upper Case](#)
[Usage And Distribution Of Code And Formulas](#)
[User Defined Functions \(UDFs\) In VBA](#)
[User Defined Functions, Determine Whence It Was Called](#)
[User Defined Functions, Returning Arrays](#)
[User Defined Functions, Returning Errors](#)
[Userforms: Keeping focus on the worksheet](#)
[Used Cells In A Range](#)
[User-Specific Folders](#)
[UserForm Events, Suppressing](#)
[UserForms, Modifying With Windows API Functions](#)
[UserForms, Parent And Child Windows](#)
[UserForms, Positioning To Cells](#)
[UserForms, Showing A UserForm Determined At Run-time](#)
[UTC And Local Times, And Windows Time Formats](#)
[Utilities and Add-Ins, Third Party](#)

V

[Variables In VBA, Declaring](#)
[Variables, Scope And Visibility](#)
[Variables, Truly Global Variables In VBA](#)
[VBA Editor, Automating The VBA Editor and its objects](#)
[VBA Editor, Creating Menus For The VBA Editor](#)
[VBA Editor, Add-ins in VBA For The VBA Editor](#)
[VBA Project, Missing References In A VBA Project](#)
[Vectors And Matrices](#)
[Versions Of Excel](#)
[Version Of Excel, Installed on a machine](#)
[Visible And Hidden Cells, Functions For](#)
[Visual Basic For Applications \(VBA\), Optimizing](#)
[VLOOKUP - A Better Way](#)
[VBA Code, Adding/Deleting Modules](#)

W

[Wait For File To Be Closed](#)
[Wait For User Input In VBA](#)
[Watches in VBA Debugging](#)
[WAV files, playing from VBA](#)
[Week, First Monday Of](#)
[Week Numbers](#)
[Weekday, Counting Between Dates](#)
[Weekday, First And Last Of Month](#)
[Week Days, Formulas and VBA](#)
[Weekday, Nth Day Of Month](#)
[Weekdays, Creating Series Of](#)
[Weeks, Difference Between Dates](#)
[Weighed Averages](#)
[Where to put code and how to use it](#)
[Wildcard Matching With Find](#)
[Window captions and the Hide Extensions setting](#)
[Window Captions, Putting The File Name In the Caption](#)
[Windows API Functions, Getting Error Information](#)
[Window Class Names Of Office Applications](#)
[Words, Counting In A Cell Or On A Worksheet](#)
[Words, Extracting From A String](#)
[Workbook And Worksheet Names, Returning By Formula](#)
[Workbook And Worksheet Names From Formulas](#)
[Workbooks, Closing All](#)
[Workbooks, Creating list of names](#)
[Workbooks, Saving All](#)
[Workbooks, Tracking Open And Close Operations](#)
[WORKDAY function, A better way](#)
[Worksheets, Creating list of names](#)

[IsFileOpen, Testing If A File Is Open](#)
[ISO Week Numbers and Excel](#)

J

[Julian Dates](#)

K

[Keyboard Shortcuts](#)
[Key State, Testing For SHIFT, CTRL, and ALT](#)

L

[Last non-empty cell in a range \(VBA\)](#)
[Last Cell In Row Or Column \(Formulas\)](#)
[Last And First Elements In A List Range](#)
[Last And First Names, Extracting From A String](#)
[Last Modified File, Finding In A Folder](#)
[Last Update Time Of Cell Or Range](#)
[Latitude And Longitude](#)
[Leap Year, Determining](#)
[Least Or Most Common Entry In A List](#)
[Legal Information About This Site And Its Contents](#)
[Linked List Boxes](#)
[Listboxes, Linked](#)
[ListBox, Support Procedures For A ListBox control](#)
[Lists, Counting Distinct Entries](#)
[Lists, First And Last Elements](#)
[Lists, Extracting Unique Entries](#)
[Lists, Entries Common To Two Lists](#)
[Lists, Entries On One List And Not On Another](#)
[Lists, Highlighting Duplicate Entries](#)
[Lists, Merging Without Duplicates](#)
[Distinct Lists, Getting Distinct Elements](#)
[Lists, Testing For Duplicate Entries](#)
[Lists, Reversing and Transposing](#)
[Lists, Minimum And Maximum Values](#)
[Lookups, Left Lookup \(alternative to VLOOKUP\)](#)
[Lookups, Formula To Look Up Data In A Table](#)
[Lookups, Flexible, Alternative To VLOOKUP](#)
[Lower Case, Converting Text To Lower Case](#)

[Worksheet And Workbook Names, Returning By Formula](#)
[Worksheet Functions, Using In VBA](#)
[Worksheets, Printing Multiple Sheets](#)
[Worksheets, Referencing From Formulas](#)
[Worksheets, Sorting](#)

X

[XLA Add-Ins, Creating](#)
[XLA Add-Ins, Installing And Loading](#)
[XML, Optional And Arbitrary XML defined in an XSD Schema](#)
[X-Ray \(Excel Game download\)](#)

Y

[Year, First Monday Of](#)
[Years, Entering Two Digit Years](#)

Z

[Zip files available for downloads](#)
[Zero Values, Ignoring In Functions](#)
[Zip File, Saving A Workbook As A Zip File](#)
[Zip File, Save As, COM Add-In](#)
[Zooming On A Range Of Cells](#)



This page last updated: 25-April-2016.

[Home](#)

[Topic Index](#)

[What's New](#)

[Search](#)

[Consulting](#)

[Downloads](#)

[Feedback](#)

[Legal](#)

Created By Chip Pearson at Pearson Software Consulting

This Page: www.cpearson.com/Excel/Topic.aspx

Last Updated: 06-May-2018

Copyright 1997 - 2014, Charles H. Pearson

Site Last Updated: 22-Mar-2024

Email: chip@cpearson.com

Please read [this page](#) before emailing me.

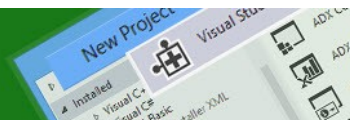
Phone: (816) 325-9822 USA Central Time (-6:00 UTC)

Between 9:00 AM and 7:00 PM

Essential Tools For Developers

The world's choice for creating NET-based Commercial Quality Add-Ins for Office
Add-In Express Is The Most Important Tool For Creating Commerical Level Components

Excel 2003, 2007, 2010, 2013
Version-neutral framework for Visual Studio and Office



Learn more about [Excel](#) and [VBA \(Visual Basic for Applications\)](#).

Cite this page as:

Source: www.cpearson.com/Excel/Topic.aspx Copyright 2018, Charles H. Pearson

[Citation Information](#)

This site created with Microsoft Visual Studio 2013 Premium and ASP.NET 4

[Advertise Your Product On This Site](#)