



How to install Excel XPS macro on the Mac Excel 2016

hideki

Ver. 8.39

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Installation of macro on Mac

- The process is the same as that in Windows version except database folder.
 - Personal macro workbook
 - Solver add-in and reference in VBE
 - Shortcut key for “e”
 - Database folder

The latest version of Excel works great, keep updating your Excel.



Sign in



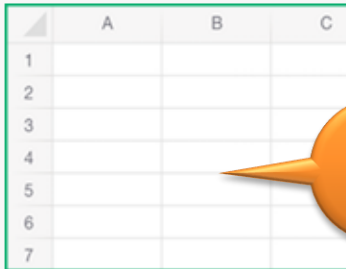
New



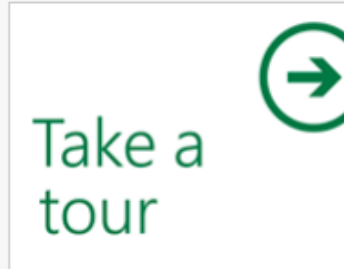
Recent



Open



Blank Workbook



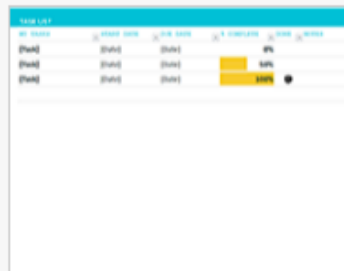
Welcome to Excel



Make a List



Total a List



Track My Tasks



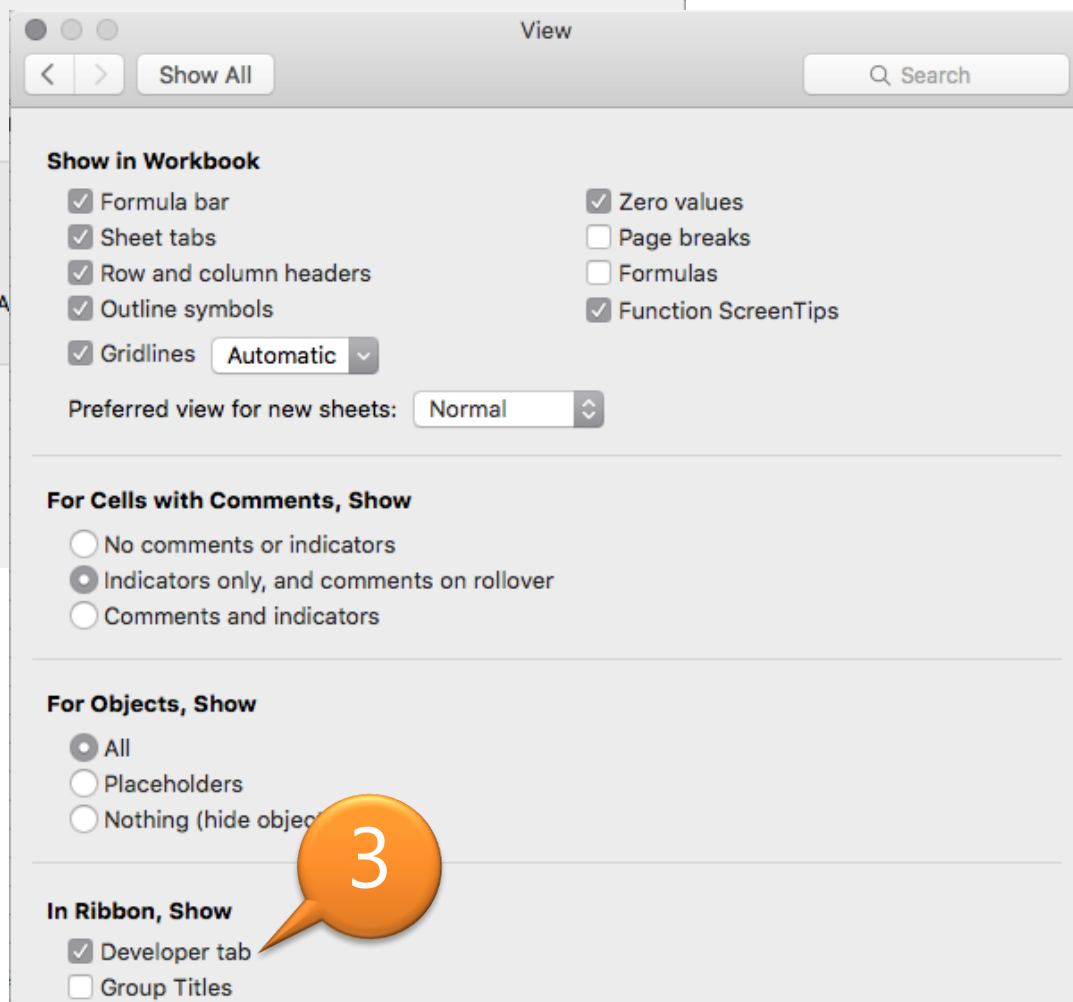
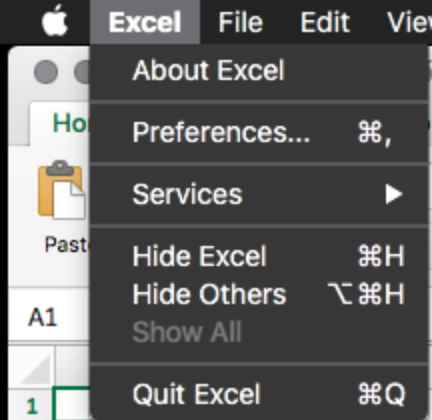
Manage My Money

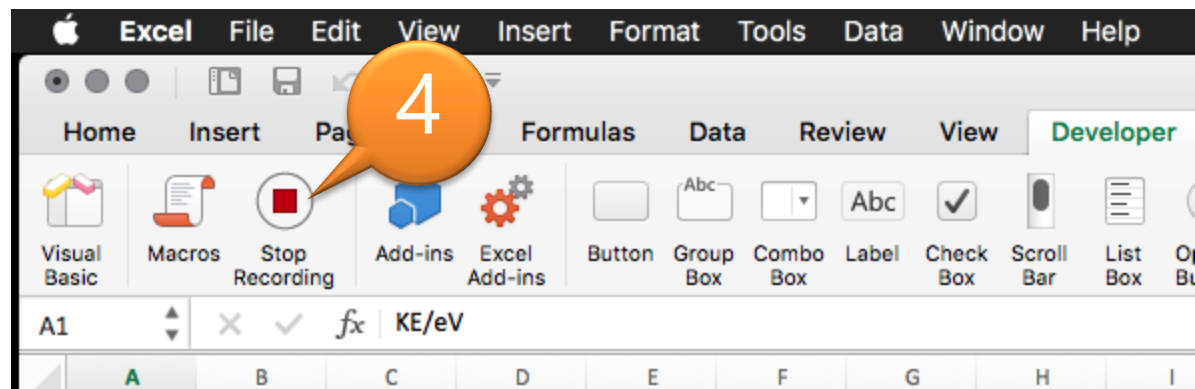
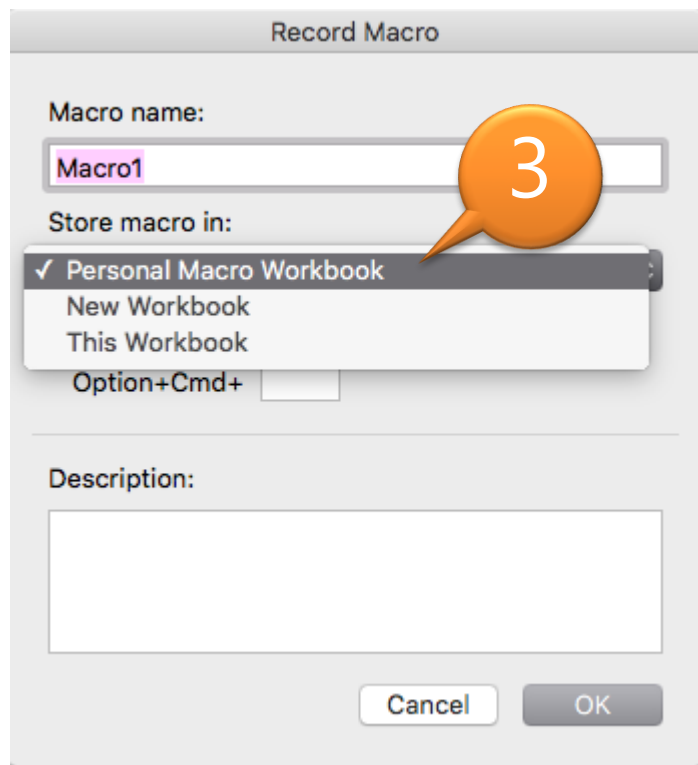
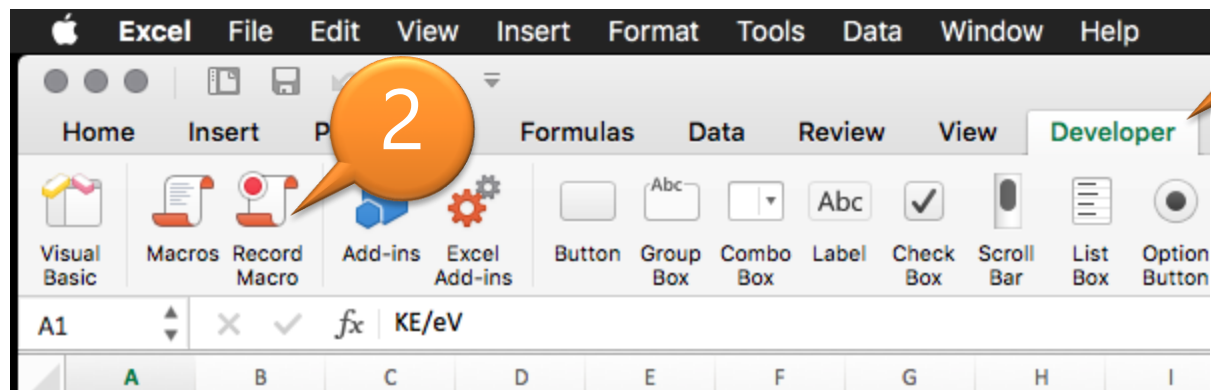


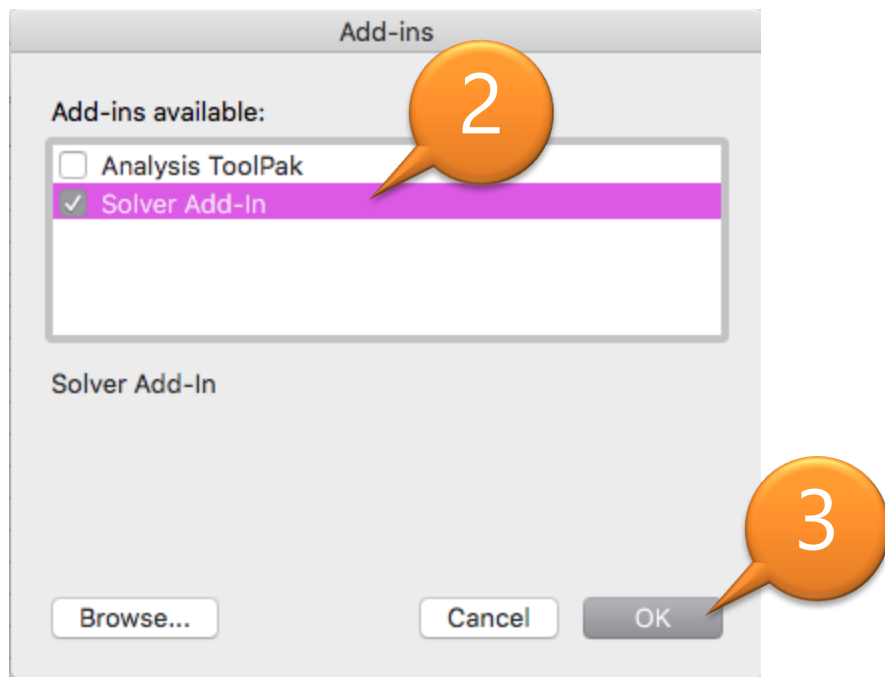
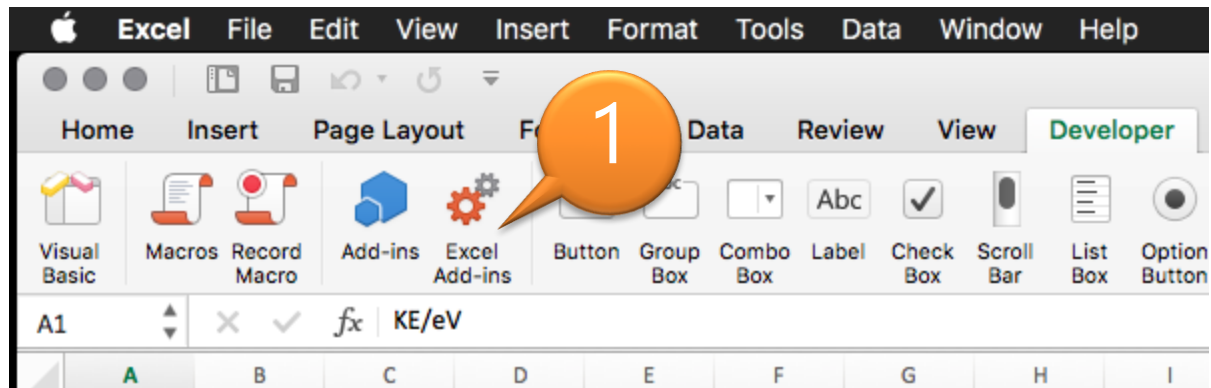
2

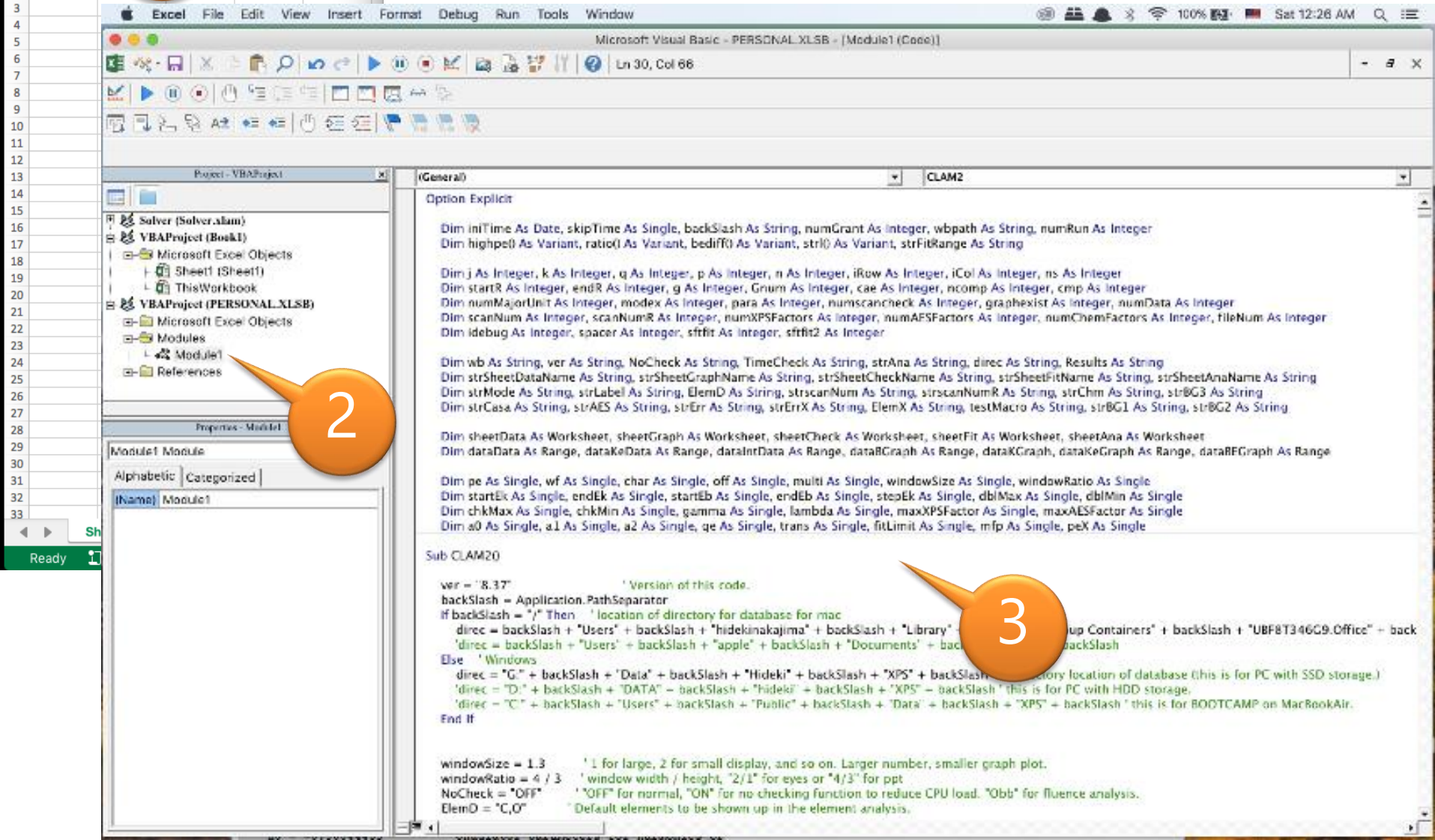
Cancel

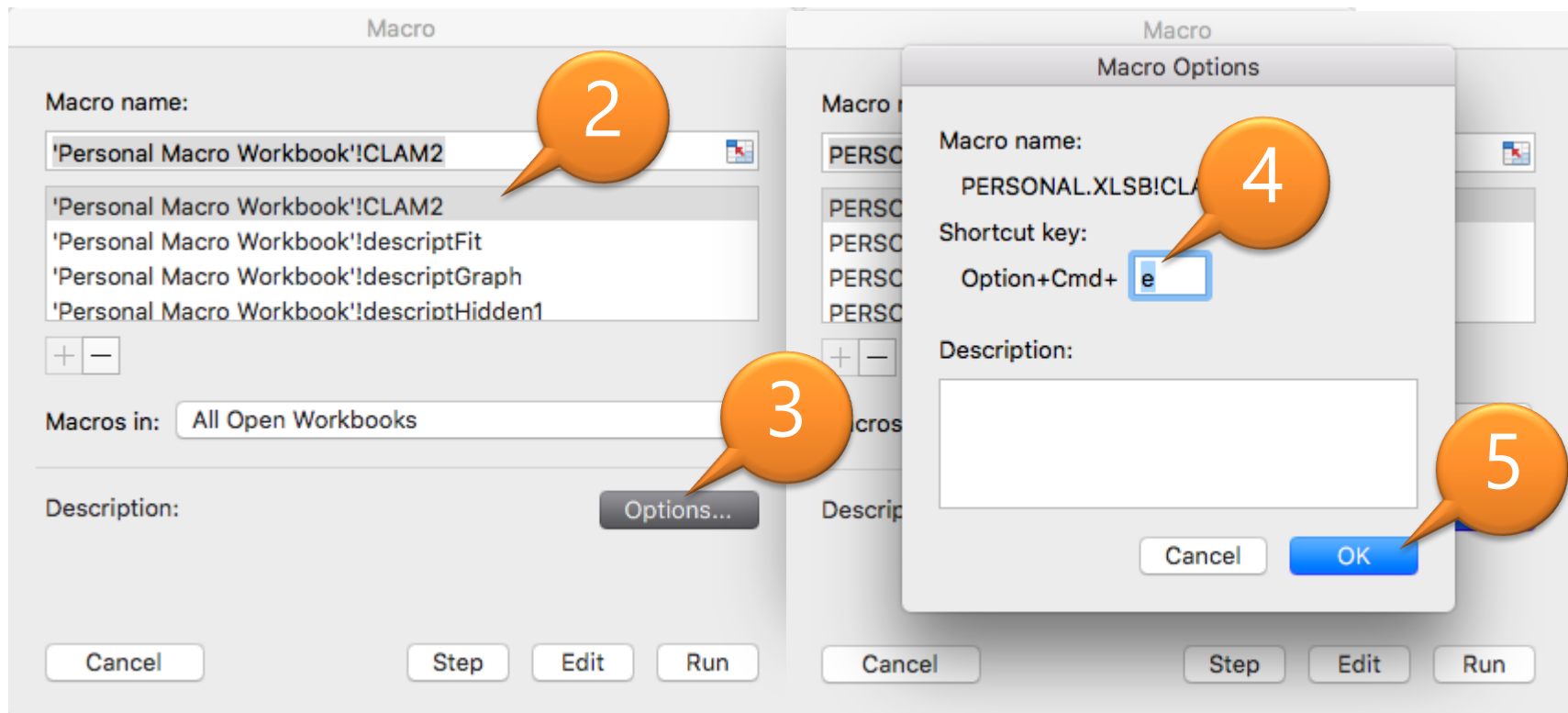
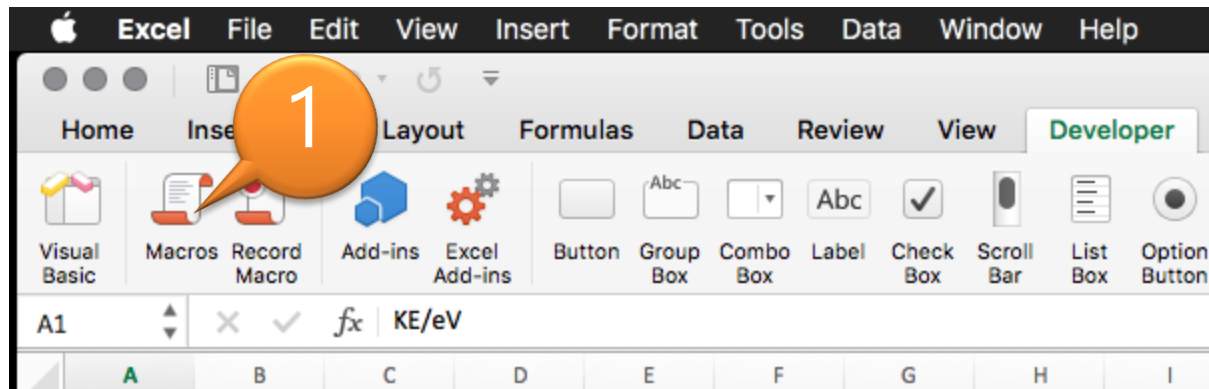
Create



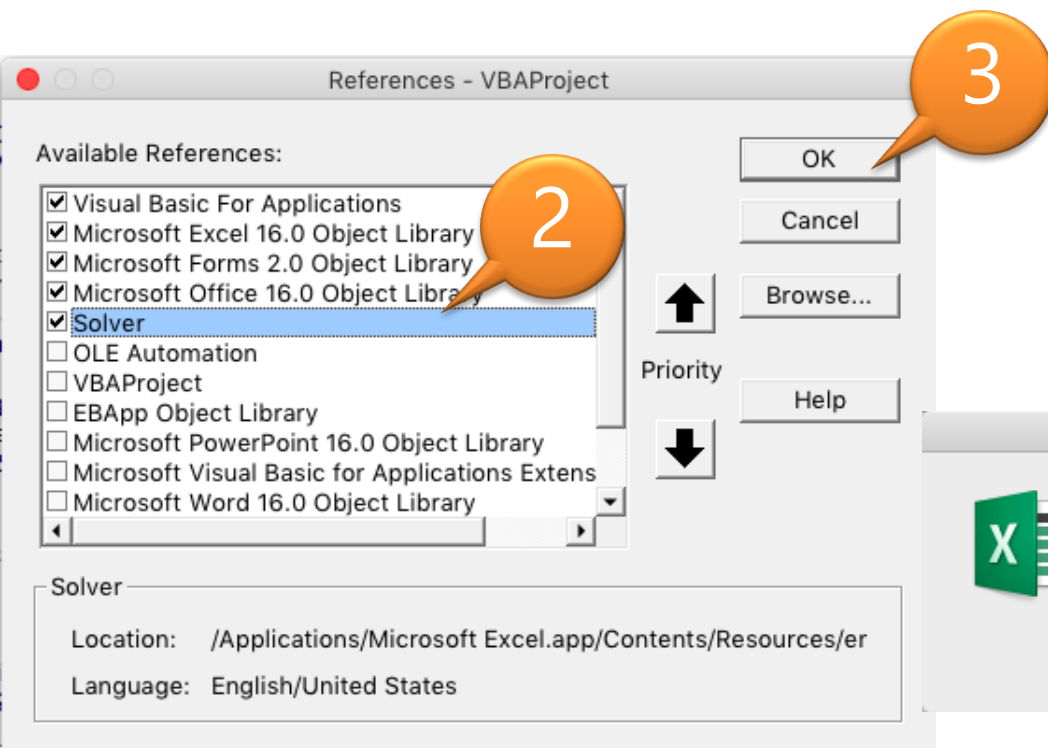
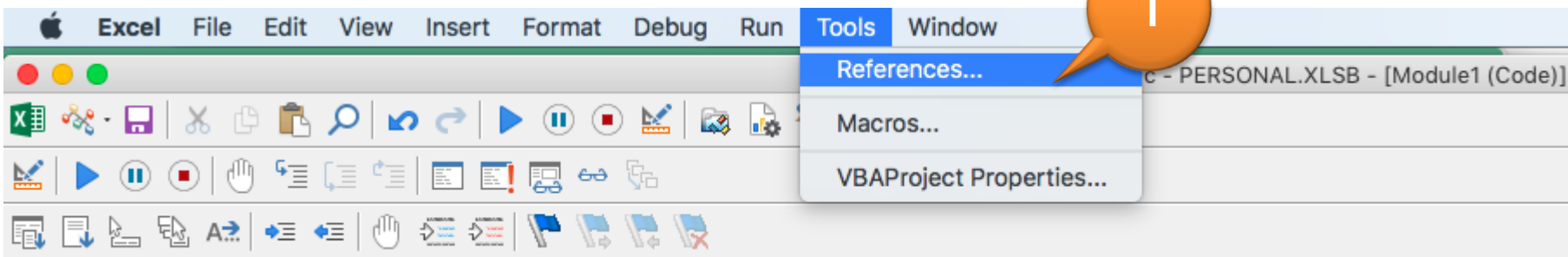




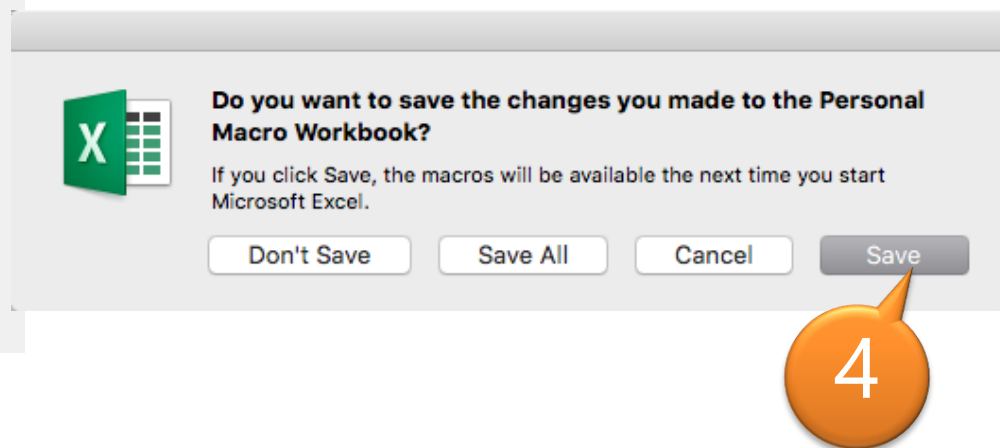




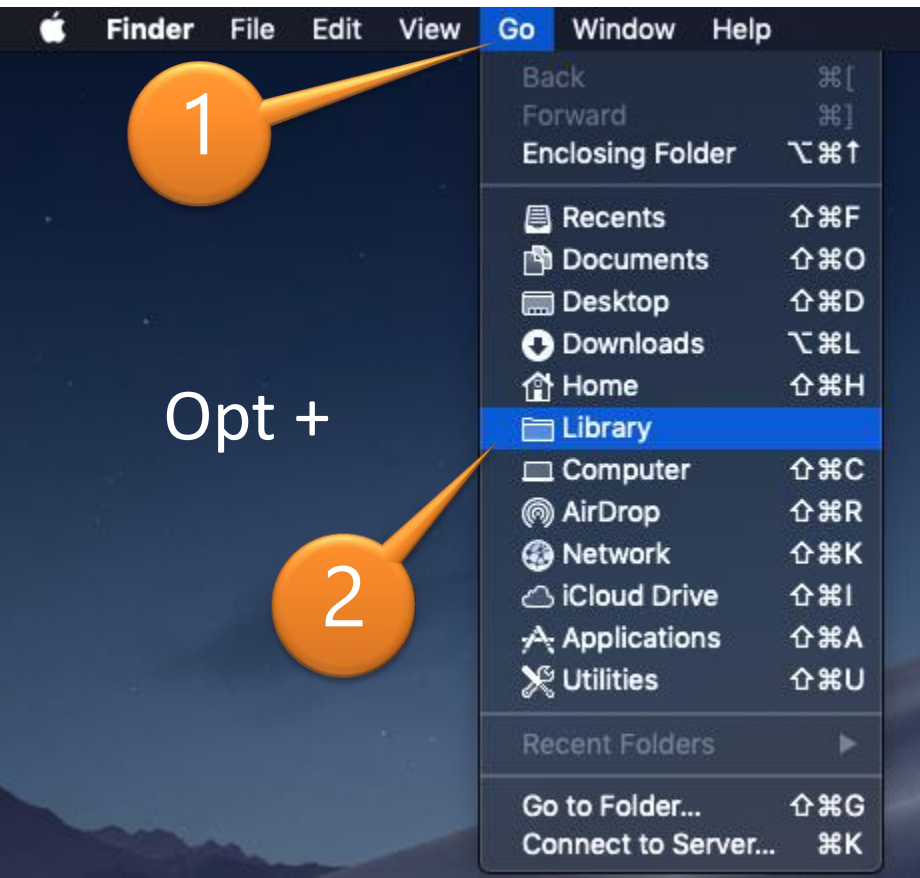
Shortcut key “q” for quit on mac!



Quit Excel

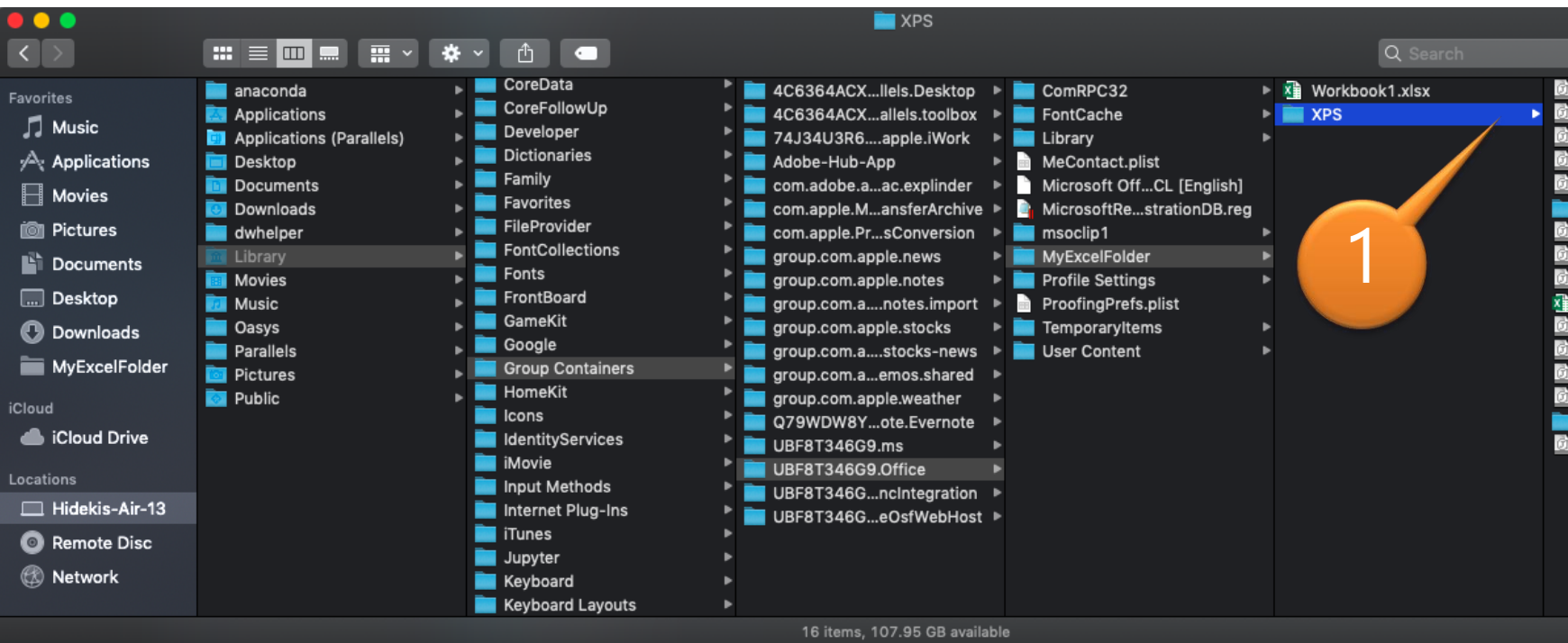


1. Open a Finder Window
2. Hold the **Alt (Option)** key when you press on **Go** in the Finder menu bar
3. Click on **Library**
4. Open the **Group Containers** folder
5. Open the **UBF8T346G9.Office** folder
6. Create a Folder inside this folder named **MyExcelFolder** for example
7. Select this folder

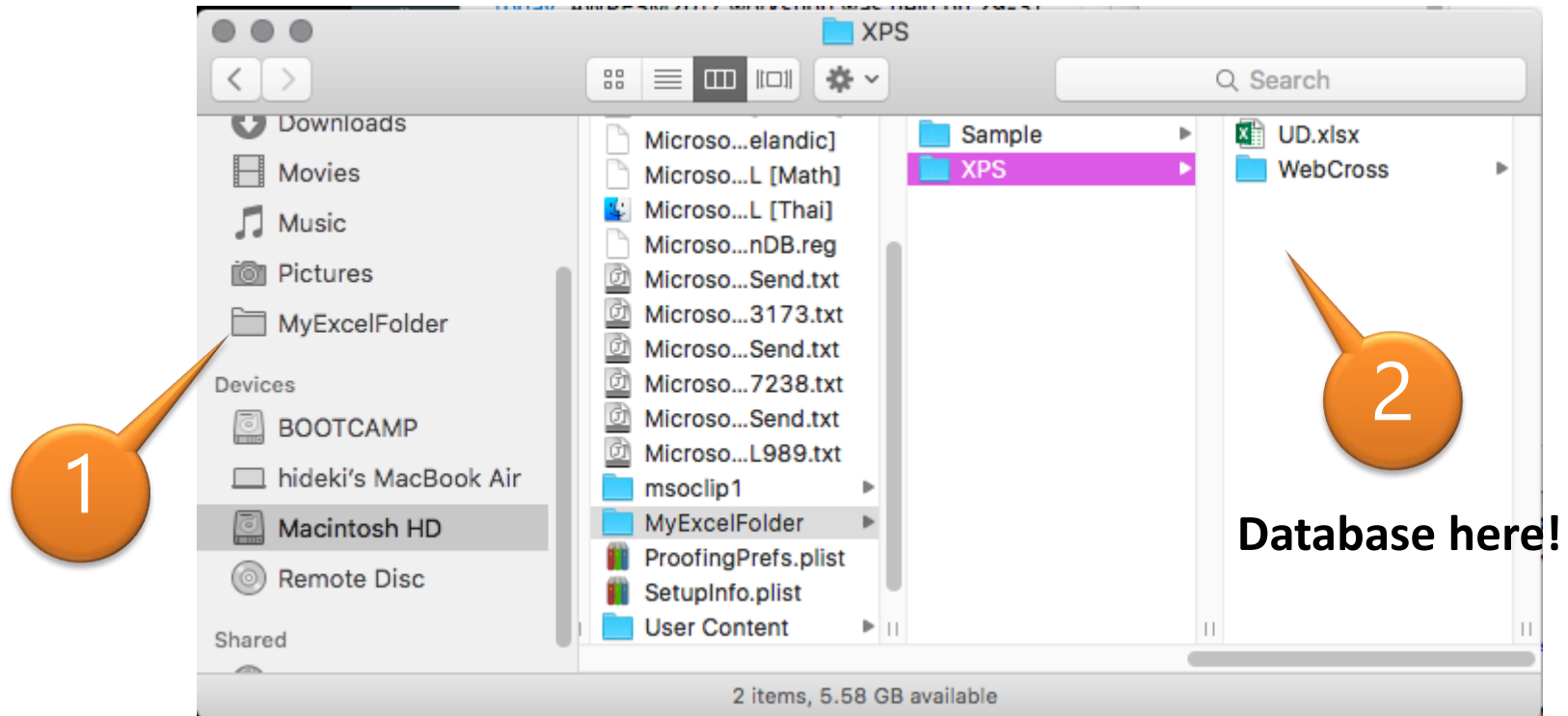


Library folder can be accessed from Go with Option key, otherwise no Library menu appears as shown in Fig.

Database (or workbook) files should be placed in
Library/Group Containers/UBF8T346G9.Office/MyExcelFolder/XPS/



Drag & drop **MyExcelFolder** into Favorites menu for next access.



Well done!

Open the sample file with Excel and use shortcut key.

The screenshot displays the Microsoft Excel application window with the file **Au4f_sample.xlsx** open. The **Home** tab is active, showing the ribbon with various formatting options. The spreadsheet contains data in columns A and B, with row 1 labeled **KE/eV** and **110904_1625_1**. The data includes values for **KE/eV** (ranging from 496 to 499.1) and **Intensity (arb. units)** (ranging from 118 to 2618). A diagram in the center shows the keyboard shortcut **Cmd + Opt + e**. Two dialog boxes are overlaid on the spreadsheet: **Manual input mode** with a text input field containing **600** and **Cancel**/**OK** buttons; and **Input atomic elements** with a text input field containing **Au** and **Cancel**/**OK** buttons. The bottom status bar shows **Ready** and **Calculate** buttons, along with a zoom level of **100%**.

KE/eV	Intensity (arb. units)
496	609
496.1	553
496.2	591
496.3	554
496.4	589
496.5	576
496.6	602
496.7	587
496.8	576
496.9	608
497	584
497.1	566
497.2	555
497.3	543
497.4	576
497.5	606
497.6	614
497.7	575
497.8	593
497.9	641
498	602
498.1	598
498.2	611
498.3	635
498.4	586
498.5	632
498.6	628
498.7	567
498.8	606
498.9	599
499	604
499.1	624

Select the worksheet "Fit_filename" and use shortcut key.

The image displays two screenshots of a Microsoft Excel spreadsheet titled "Au4f_sample.xlsx".

Top Screenshot: Shows the "Shirley" worksheet. The data table is as follows:

	A	B
1	Shirley	BG
2	Tolerance	0.000001
3	Initial A	0.001
4	Final A	
5	Iteration	
11	Solve BGS	
12	Peak fit	
13	# peaks	
14	Solve LSM	
15	Fit range	
16	Start / eV	77
17	End / eV	97
18	Factors for N.Area	
19	CAE	23.5
20	Grating	0
21	IMFP	0.60000002
22	a	180.253998
23	b	0.34799999
24	theta	45
30	BE / eV	In
31	97	609
32	96.9	553
33	96.8	591

A diagram "Cmd + Opt + e" is overlaid on the left side of the spreadsheet.

Bottom Screenshot: Shows the "Fit" worksheet. The data table is as follows:

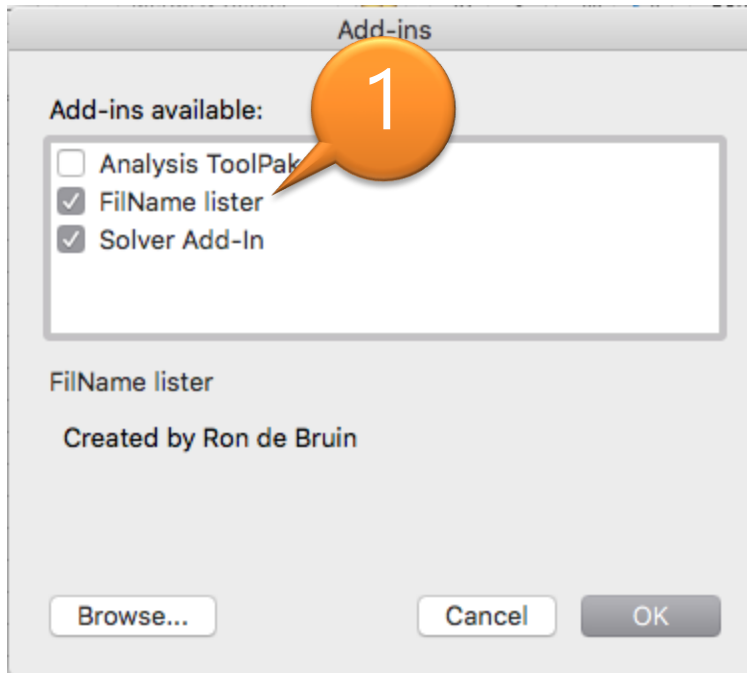
	A	B	C	D	E	F
1	Shirley	BG	Name	Au4f7/2	Au4f5/2	
2	Tolerance	0.000001	BE	83.7995939	87.3995939	
3	Initial A	0.001	KE	509.200406	505.600406	
4	Final A	0.00343967	FWHM1	2.17909878	2.8510928	
5	Iteration	10	FWHM2			
6			Amplitude	2725.34149	2044.00612	
7			Shape	Gauss	Gauss	
8			Option a			
9			Option b			
10			Option c			
11	Solve BGS	0.53381724	Form	G	G	
12	Peak fit		beta			
13	# peaks	2	Amp+BG	2843.34149	2162.00612	
14	Solve LSM	11.9149525	RSF	9.57999992	7.53999996	
15	Fit range		P. Area	6333.00464	6214.49017	
16	Start / eV	77	S. Area	661.065208	824.202945	
17	End / eV	97	N. Area	767.982995	961.52355	
18	Factors for N.Area		Asym			
19	CAE	23.5	Amp. rat.	(4;	3)	
20	Grating	0	BE diff.	[3.6]	
21	IMFP	0.60000002	T.I. Area	6334.61053	6216.06601	
22	a	180.253998	S.I. Area	661.232837	824.411942	
23	b	0.34799999	N.I. Area	768.177736	961.767369	
24	theta	45	Corr. RSF	8.24628238	6.46317001	

The plot in the bottom screenshot shows "Intensity normalized by I₀ (arb. units)" versus "Binding energy (eV)". The x-axis ranges from 98 to 76 eV, and the y-axis ranges from 58.98 to 3058.98. The plot displays experimental data points (black circles) and a fitted curve (blue line) with two peaks labeled "Au4f7/2" and "Au4f5/2".

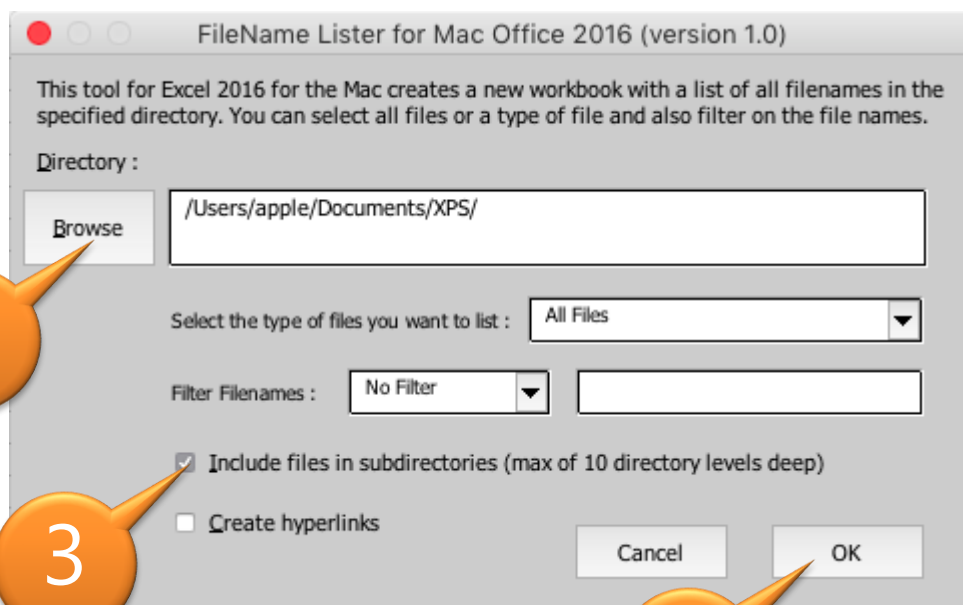
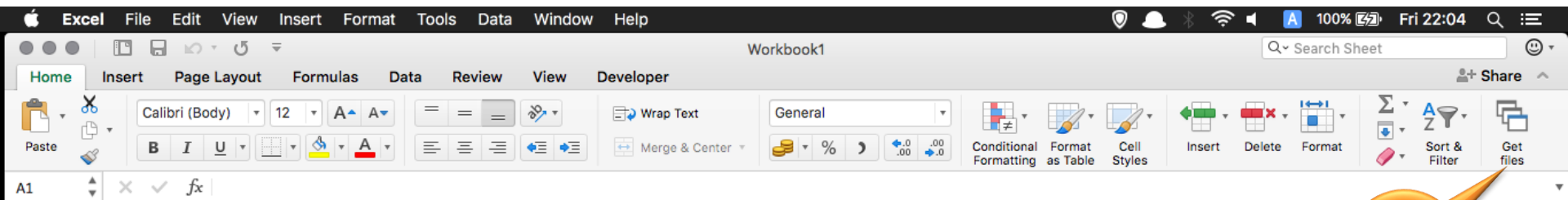
Extra add-ins required for filename list

FILE ACCESS ISSUE

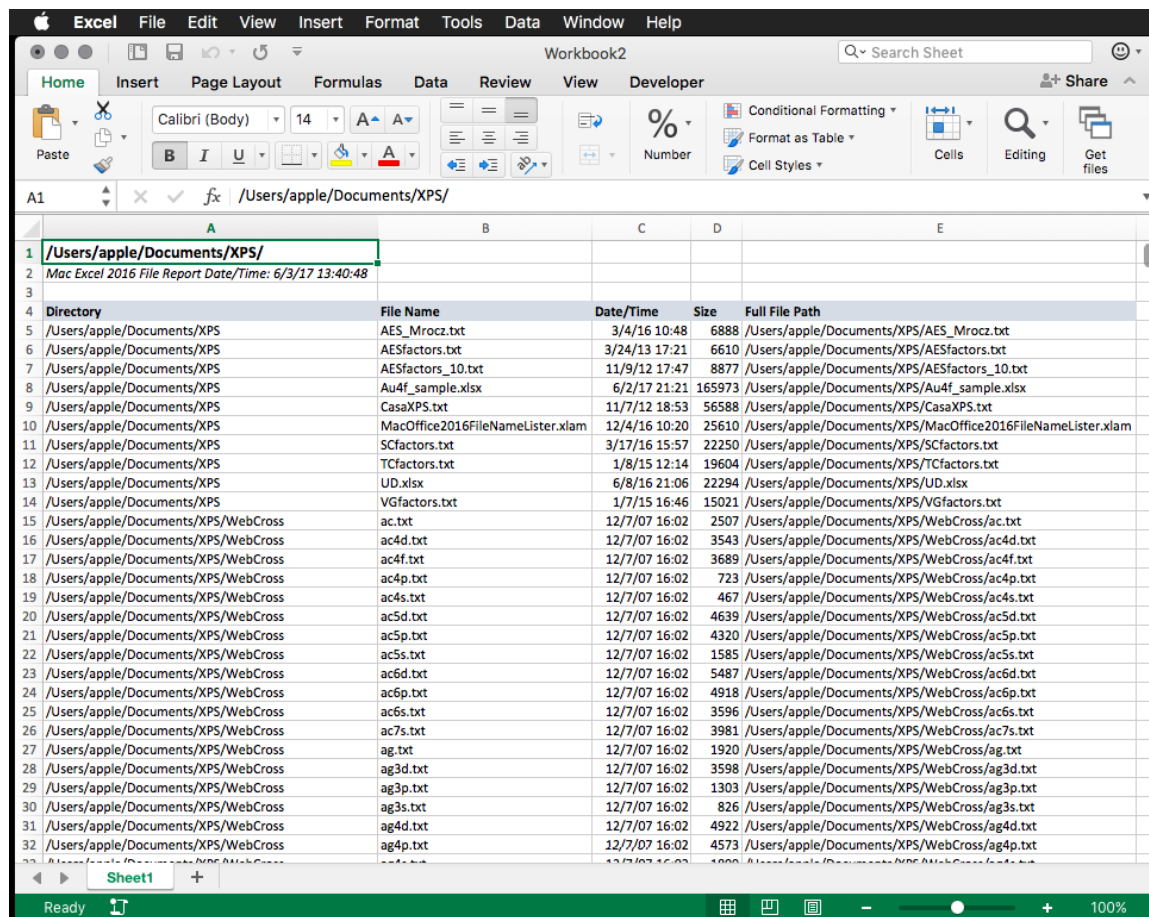
If you need the database files in the different folder, follow the process here.
Download add-in: <https://www.rondebruin.nl/mac/addins/filenamelister.htm>



Note that Dir function does not work on mac.

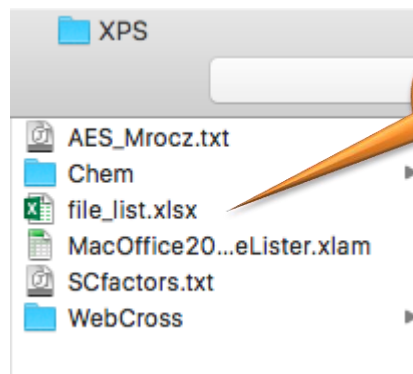


Save the workbook in the folder specified in “direc” as “file_list.xlsx”, and then access will be granted.



The screenshot shows the Microsoft Excel interface with a spreadsheet titled 'Workbook2'. The formula bar shows the path '/Users/apple/Documents/XPS/'. The spreadsheet contains a table with the following columns: Directory, File Name, Date/Time, Size, and Full File Path. The table lists various files and folders, including AES_Mrocz.txt, Chem, file_list.xlsx, MacOffice2016FileNamesList.xlam, SCfactors.txt, WebCross, and several files in the WebCross subdirectory.

Directory	File Name	Date/Time	Size	Full File Path
/Users/apple/Documents/XPS	AES_Mrocz.txt	3/4/16 10:48	6888	/Users/apple/Documents/XPS/AES_Mrocz.txt
/Users/apple/Documents/XPS	AESfactors.txt	3/24/13 17:21	6610	/Users/apple/Documents/XPS/AESfactors.txt
/Users/apple/Documents/XPS	AESfactors_10.txt	11/9/12 17:47	8877	/Users/apple/Documents/XPS/AESfactors_10.txt
/Users/apple/Documents/XPS	Au4f_sample.xlsx	6/2/17 21:21	165973	/Users/apple/Documents/XPS/Au4f_sample.xlsx
/Users/apple/Documents/XPS	CasaXPS.txt	11/7/12 18:53	56588	/Users/apple/Documents/XPS/CasaXPS.txt
/Users/apple/Documents/XPS	MacOffice2016FileNamesList.xlam	12/4/16 10:20	25610	/Users/apple/Documents/XPS/MacOffice2016FileNamesList.xlam
/Users/apple/Documents/XPS	SCfactors.txt	3/17/16 15:57	22250	/Users/apple/Documents/XPS/SCfactors.txt
/Users/apple/Documents/XPS	TCfactors.txt	1/8/15 12:14	19604	/Users/apple/Documents/XPS/TCfactors.txt
/Users/apple/Documents/XPS	UD.xlsx	6/8/16 21:06	22294	/Users/apple/Documents/XPS/UD.xlsx
/Users/apple/Documents/XPS	VGfactors.txt	1/7/15 16:46	15021	/Users/apple/Documents/XPS/VGfactors.txt
/Users/apple/Documents/XPS/WebCross	ac.txt	12/7/07 16:02	2507	/Users/apple/Documents/XPS/WebCross/ac.txt
/Users/apple/Documents/XPS/WebCross	ac4d.txt	12/7/07 16:02	3543	/Users/apple/Documents/XPS/WebCross/ac4d.txt
/Users/apple/Documents/XPS/WebCross	ac4f.txt	12/7/07 16:02	3689	/Users/apple/Documents/XPS/WebCross/ac4f.txt
/Users/apple/Documents/XPS/WebCross	ac4p.txt	12/7/07 16:02	723	/Users/apple/Documents/XPS/WebCross/ac4p.txt
/Users/apple/Documents/XPS/WebCross	ac4s.txt	12/7/07 16:02	467	/Users/apple/Documents/XPS/WebCross/ac4s.txt
/Users/apple/Documents/XPS/WebCross	ac5d.txt	12/7/07 16:02	4639	/Users/apple/Documents/XPS/WebCross/ac5d.txt
/Users/apple/Documents/XPS/WebCross	ac5p.txt	12/7/07 16:02	4320	/Users/apple/Documents/XPS/WebCross/ac5p.txt
/Users/apple/Documents/XPS/WebCross	ac5s.txt	12/7/07 16:02	1585	/Users/apple/Documents/XPS/WebCross/ac5s.txt
/Users/apple/Documents/XPS/WebCross	ac6d.txt	12/7/07 16:02	5487	/Users/apple/Documents/XPS/WebCross/ac6d.txt
/Users/apple/Documents/XPS/WebCross	ac6p.txt	12/7/07 16:02	4918	/Users/apple/Documents/XPS/WebCross/ac6p.txt
/Users/apple/Documents/XPS/WebCross	ac6s.txt	12/7/07 16:02	3596	/Users/apple/Documents/XPS/WebCross/ac6s.txt
/Users/apple/Documents/XPS/WebCross	ac7s.txt	12/7/07 16:02	3981	/Users/apple/Documents/XPS/WebCross/ac7s.txt
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/Users/apple/Documents/XPS/WebCross	ag4p.txt	12/7/07 16:02	4573	/Users/apple/Documents/XPS/WebCross/ag4p.txt



References

- Multiple-file access granted on mac
 - <https://msdn.microsoft.com/en-us/library/office/mt654020.aspx>
- Excel 2016 on Mac updater packages
 - <https://macadmins.software/>
- Excel 2016 on Mac solutions
 - <https://www.rondebruin.nl/mac/mac015.htm>
 - <http://www.rondebruin.nl/mac/mac034.htm>