



# How to install Excel XPS macro on the Mac Excel 2016

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Ver. 8.41

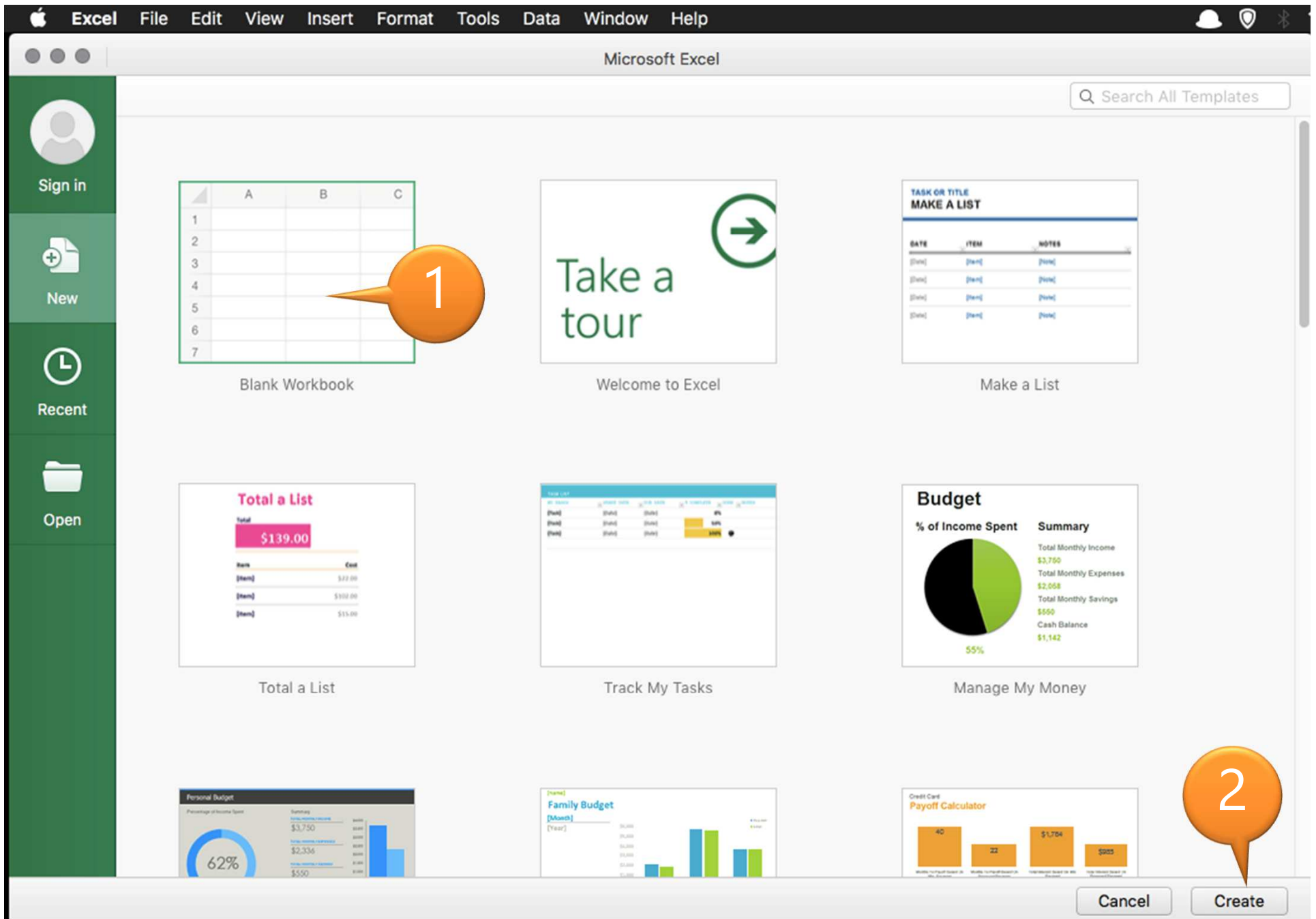
Ed 1<sup>st</sup>. 9 Jun. 2017 for Ver. 8.28

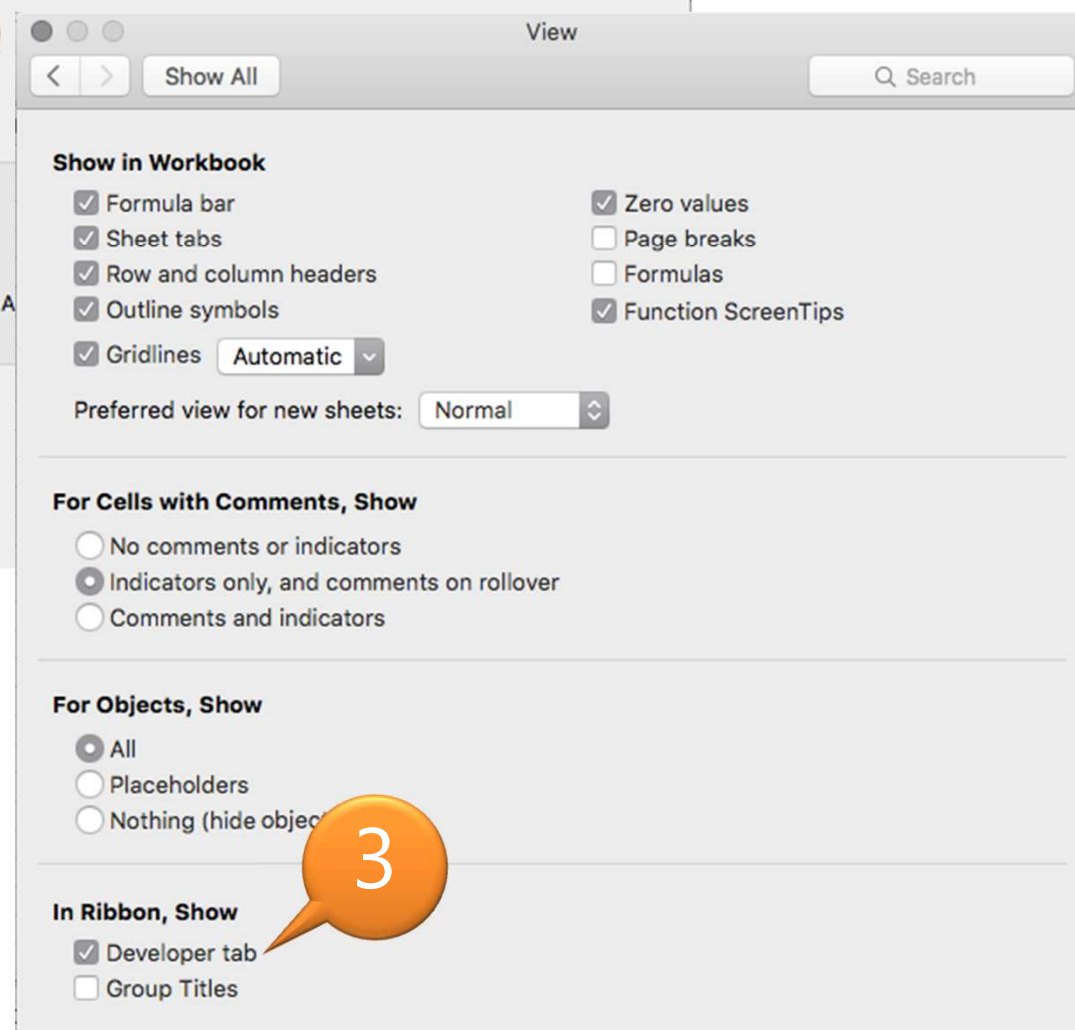
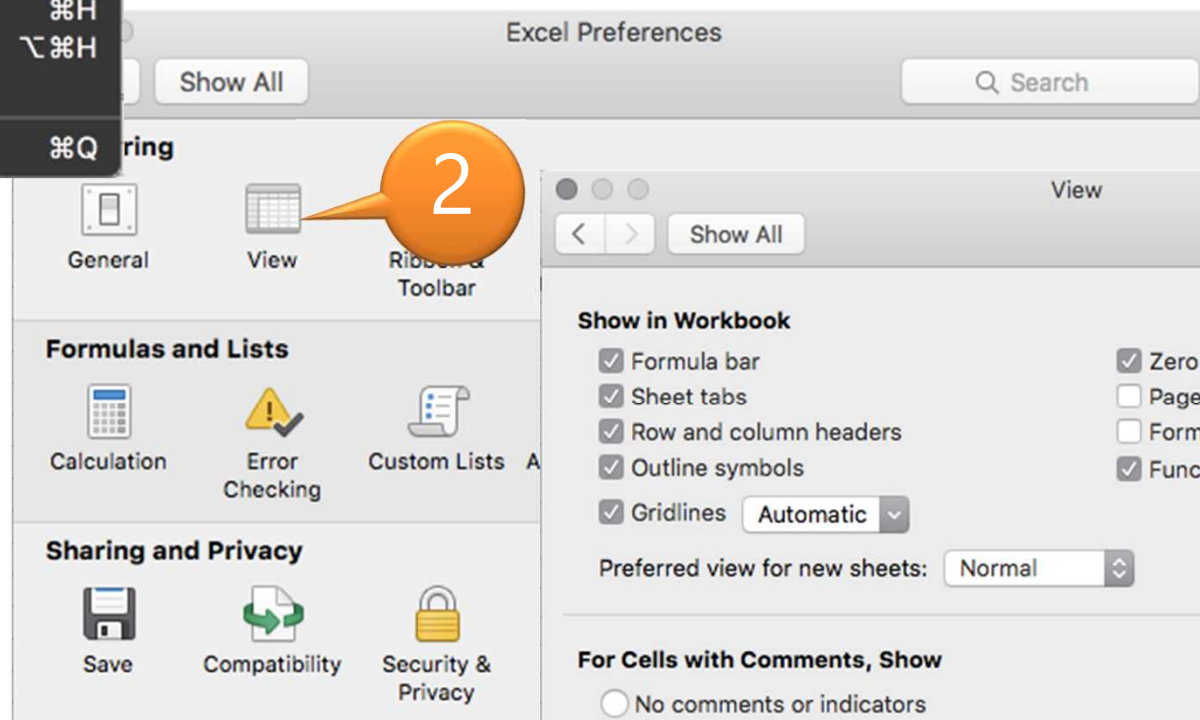
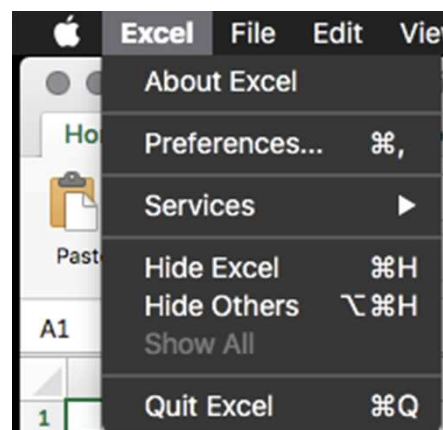
Rev. 10 May 2019

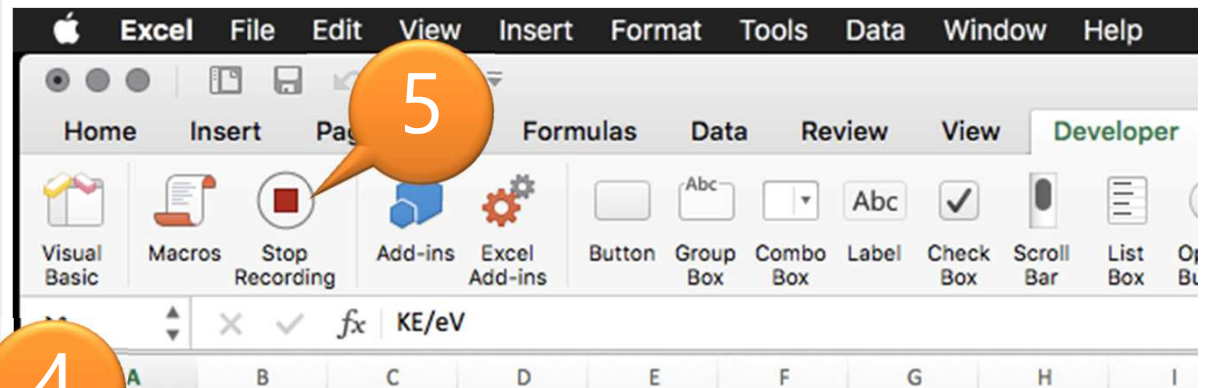
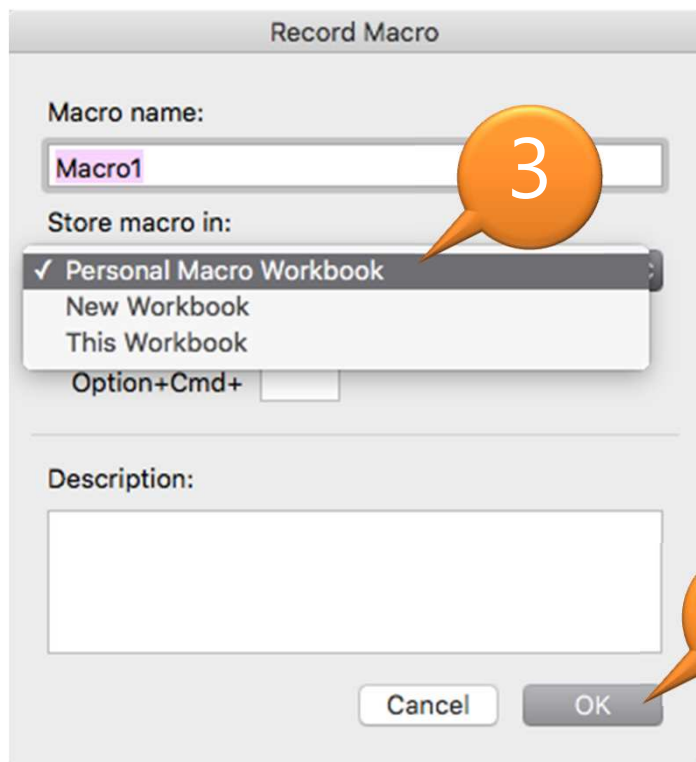
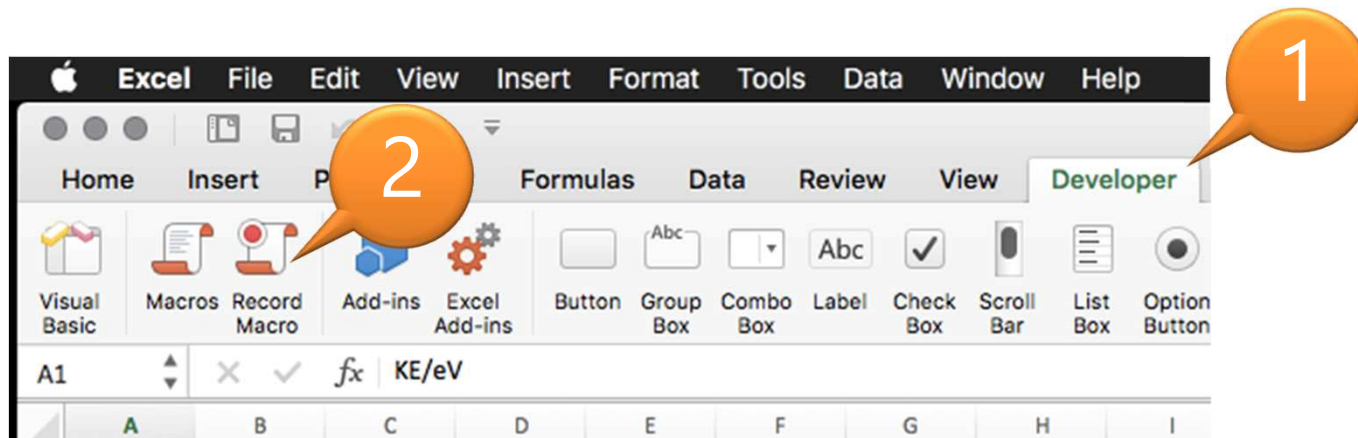
# Installation of macro on Mac

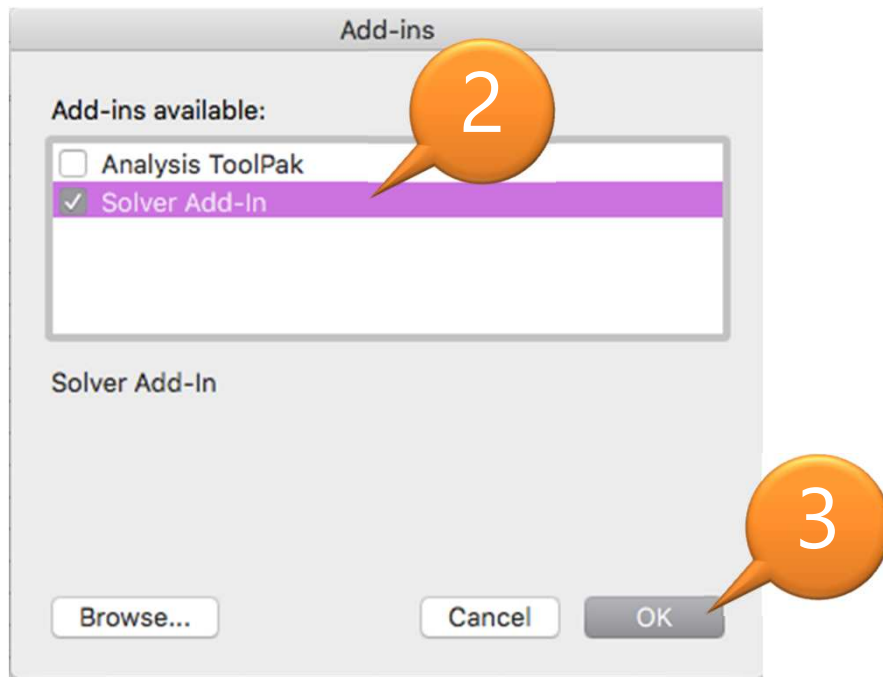
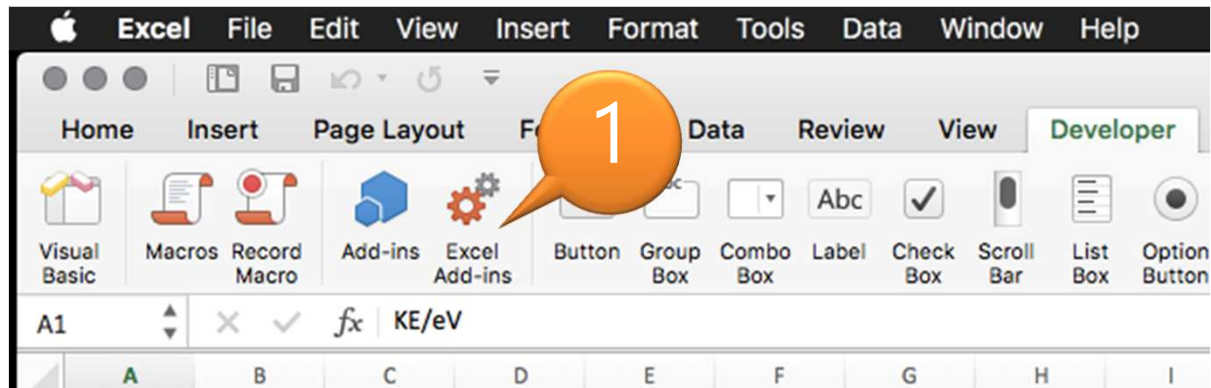
- The process is the same as that in Windows version except making the database folder.
  - Personal macro workbook
  - Solver add-in and reference in VBE
  - Shortcut key for cmd + opt + “e”
  - Database folder in working space “MyExcelFolder”

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



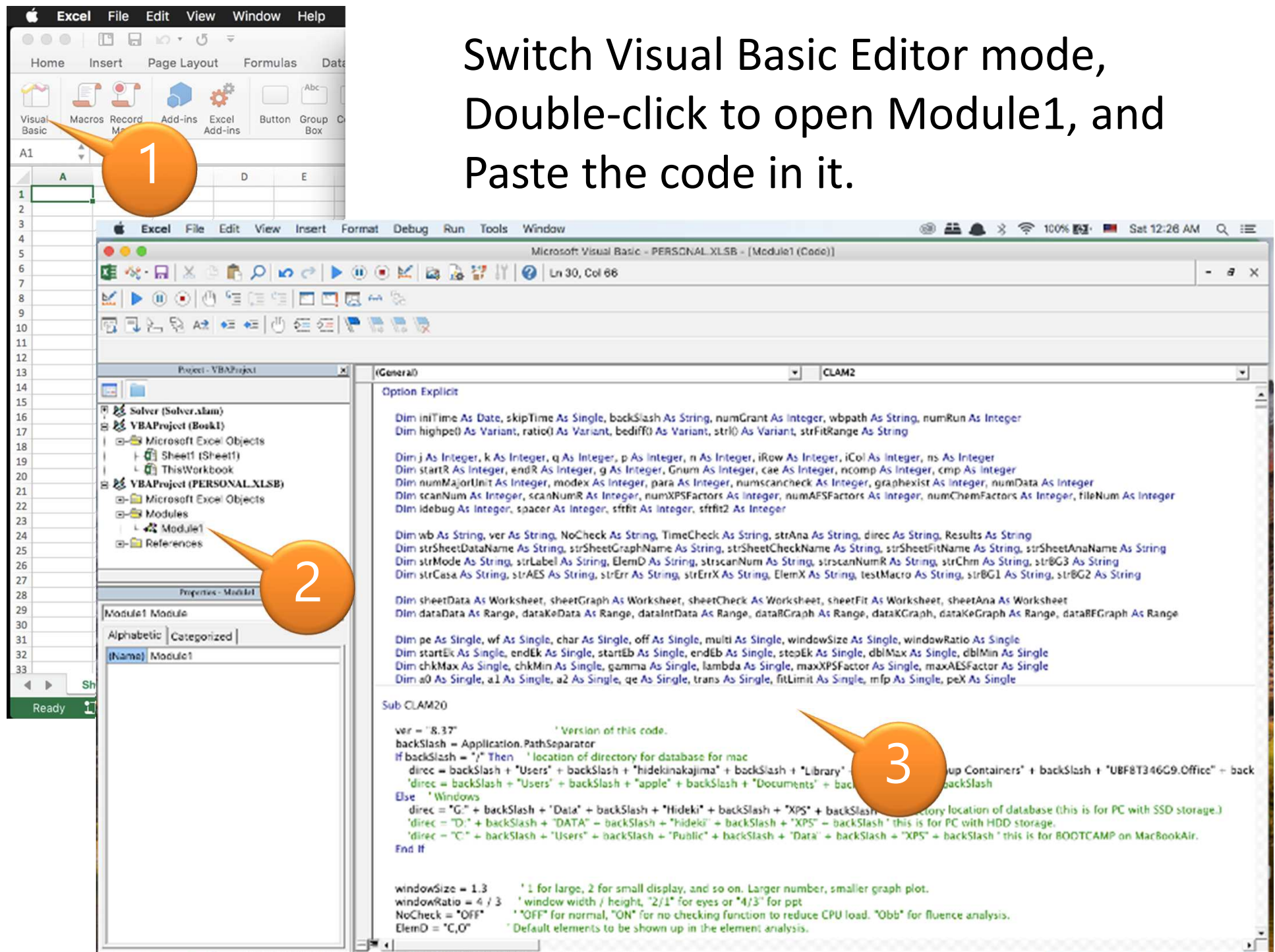




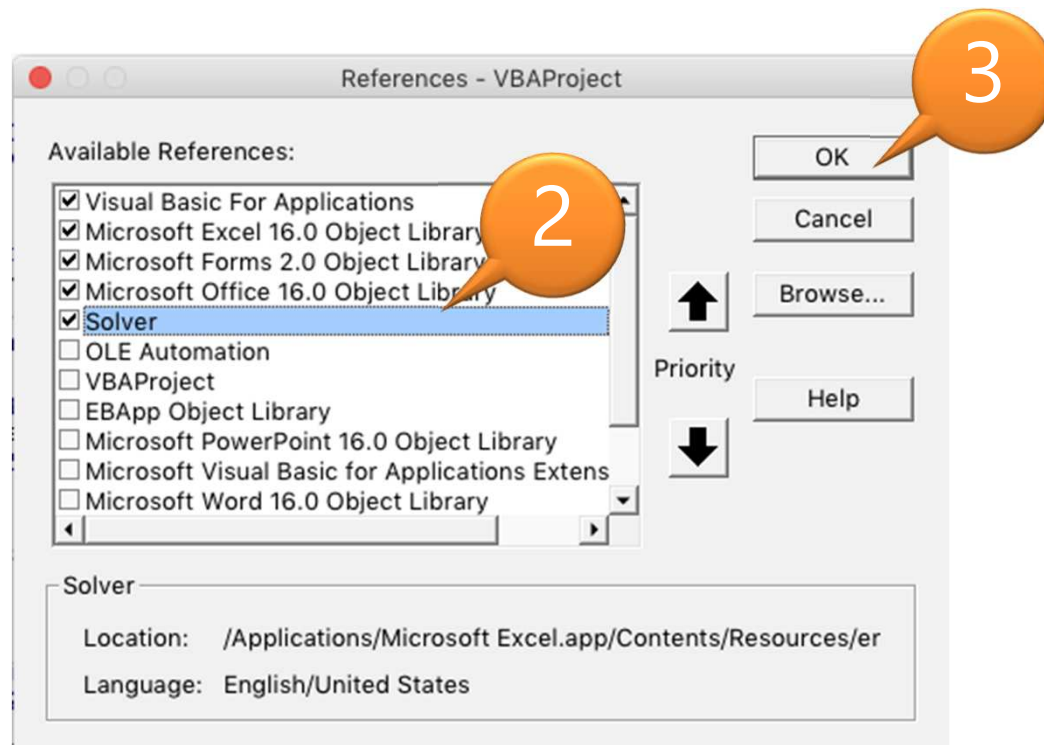
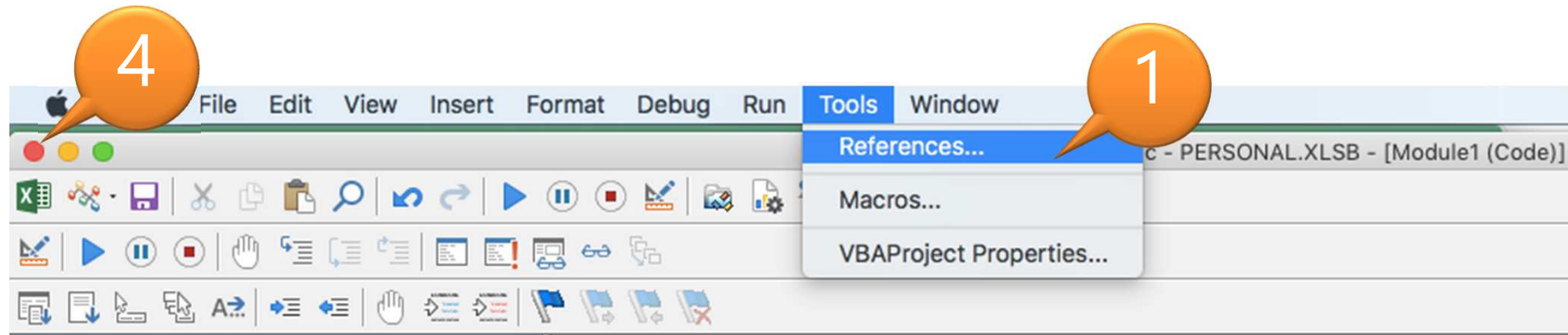




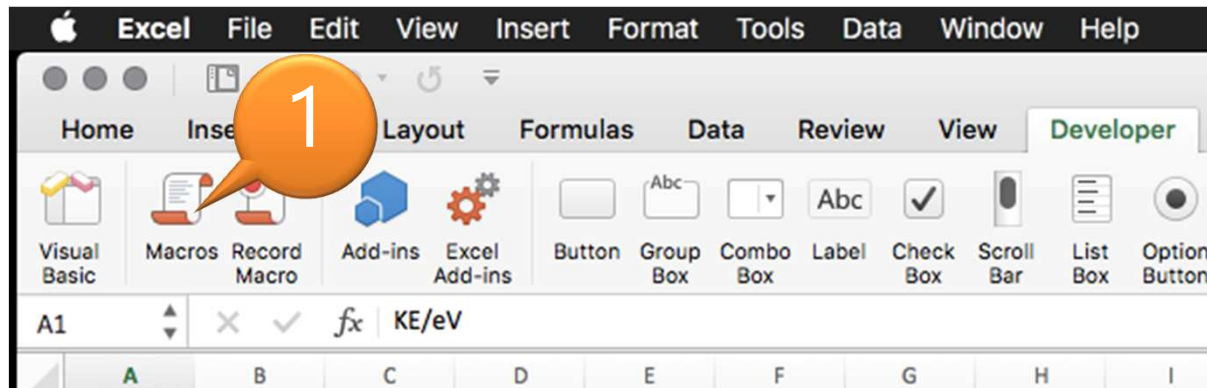
Switch Visual Basic Editor mode,  
Double-click to open Module1, and  
Paste the code in it.



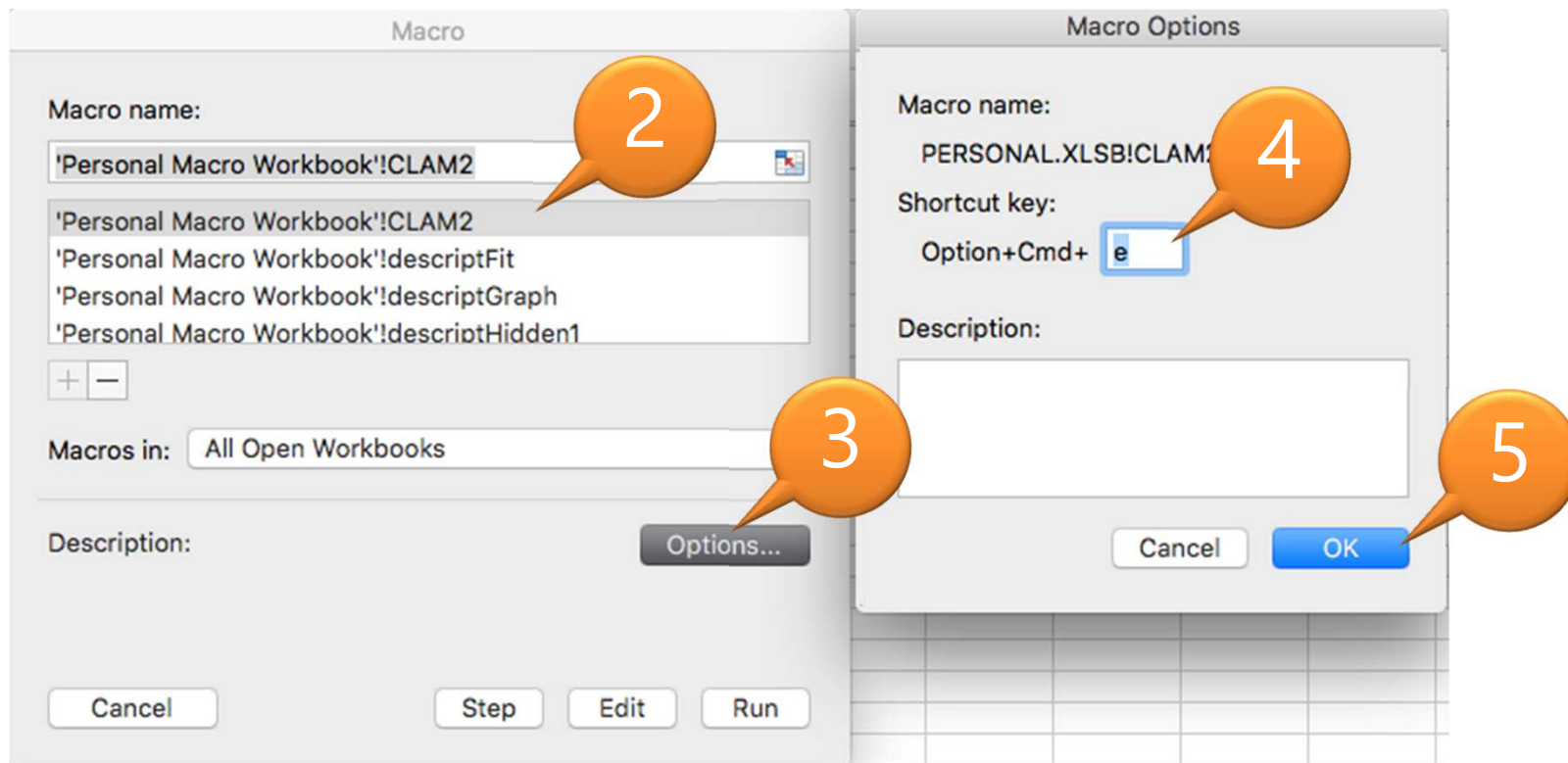
Menu accessible in the Visual Basic Editor mode.

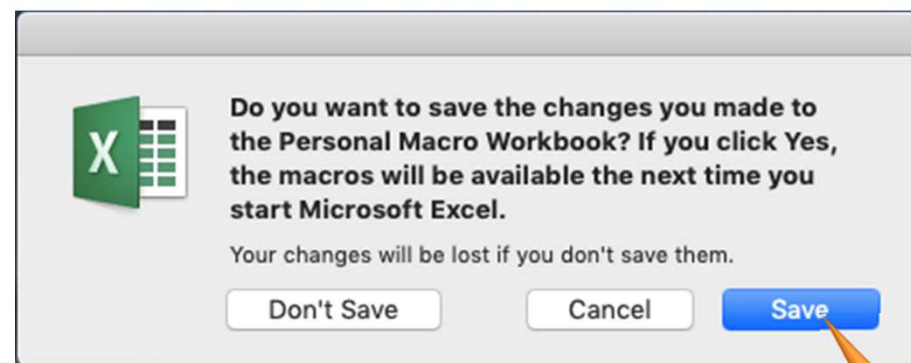
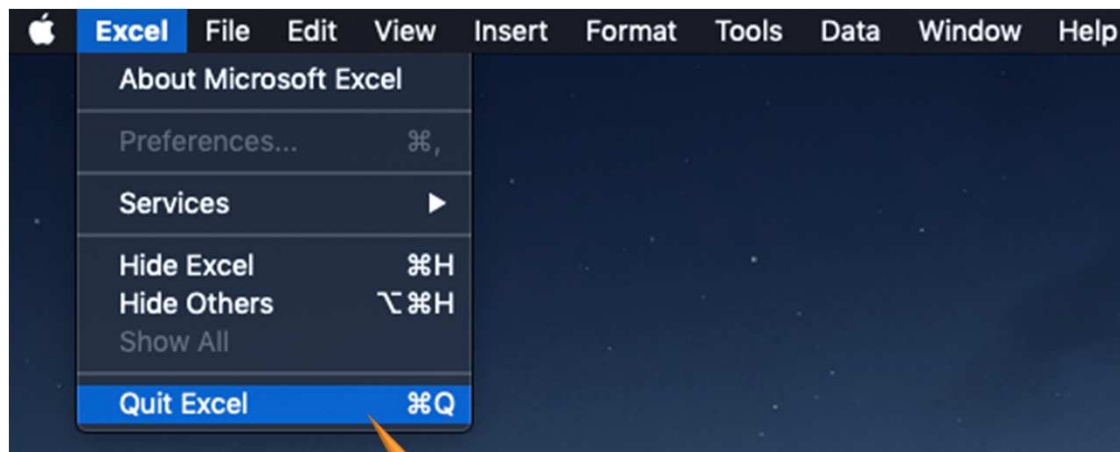




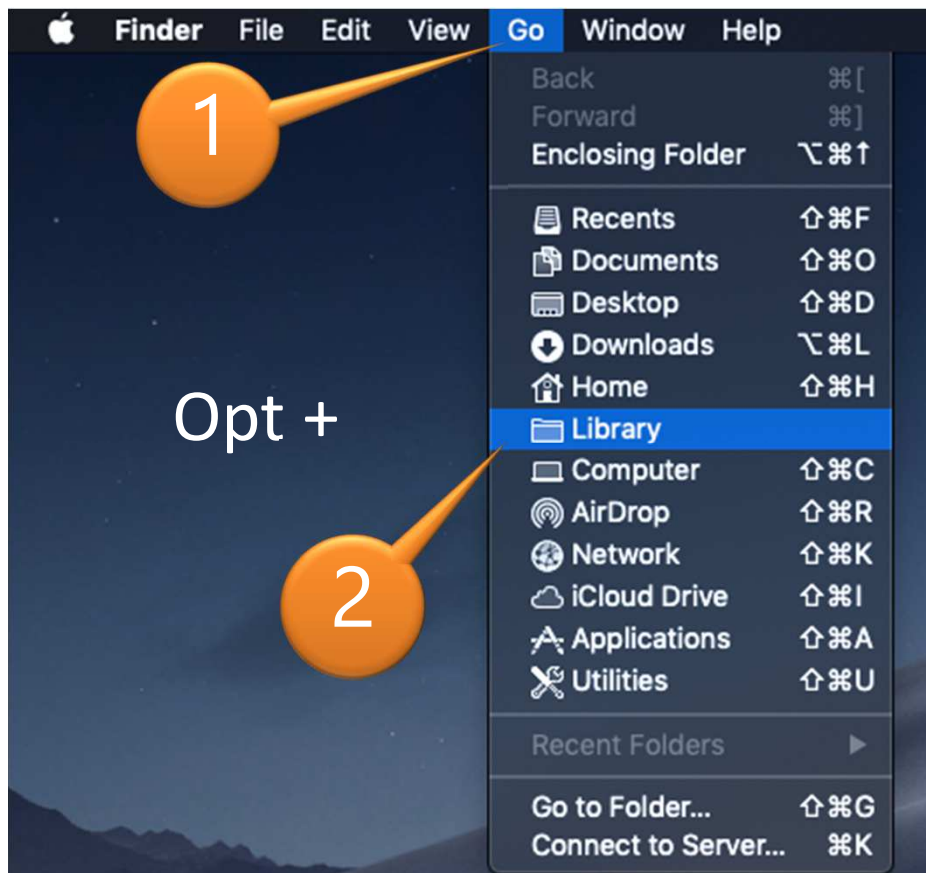


Assign the shortcut key “e”





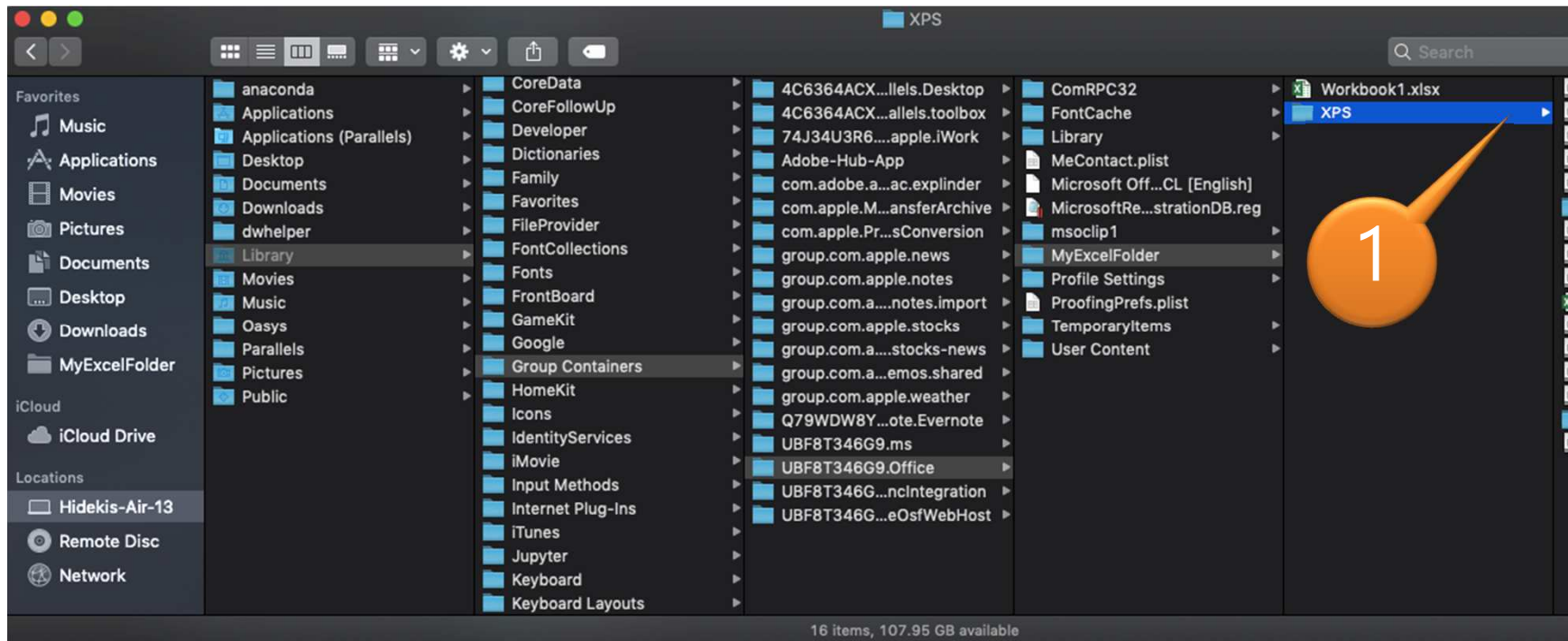
1. Open a Finder Window
2. Hold the **Alt (Option)** key when you press on **Go** in the Finder menu bar
3. Click on **Library**
4. Open the **Group Containers** folder
5. Open the **UBF8T346G9.Office** folder
6. Create a Folder inside this folder named **MyExcelFolder** for example
7. Select this folder



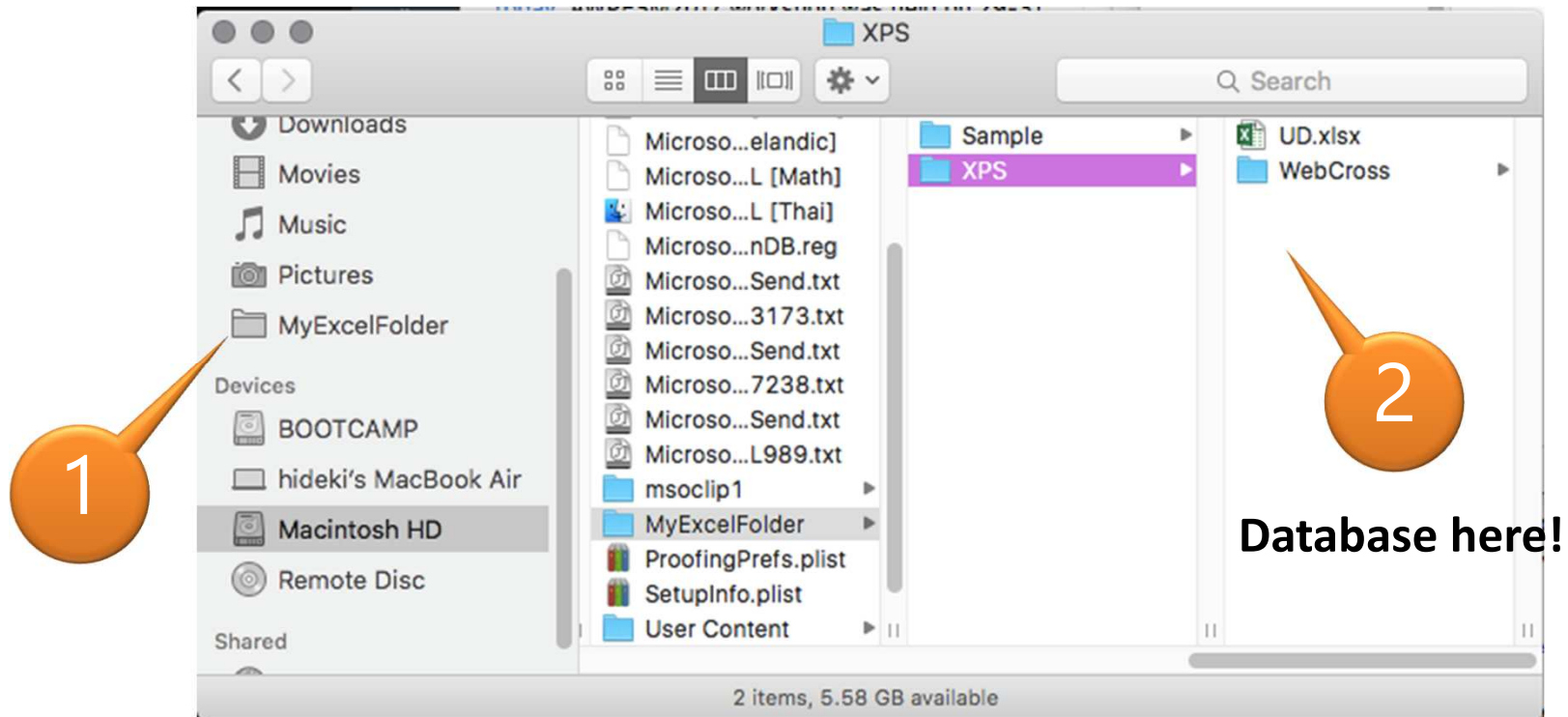
Library folder can be accessed from Go with Option key, otherwise no Library menu appears as shown in Fig.

<https://www.rondebruin.nl/mac/mac034.htm>

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



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



**Any text and Excel files should be in the MyExcelFolder for analysis.**

**Well done!**



# Open the sample file with Excel and use shortcut key.

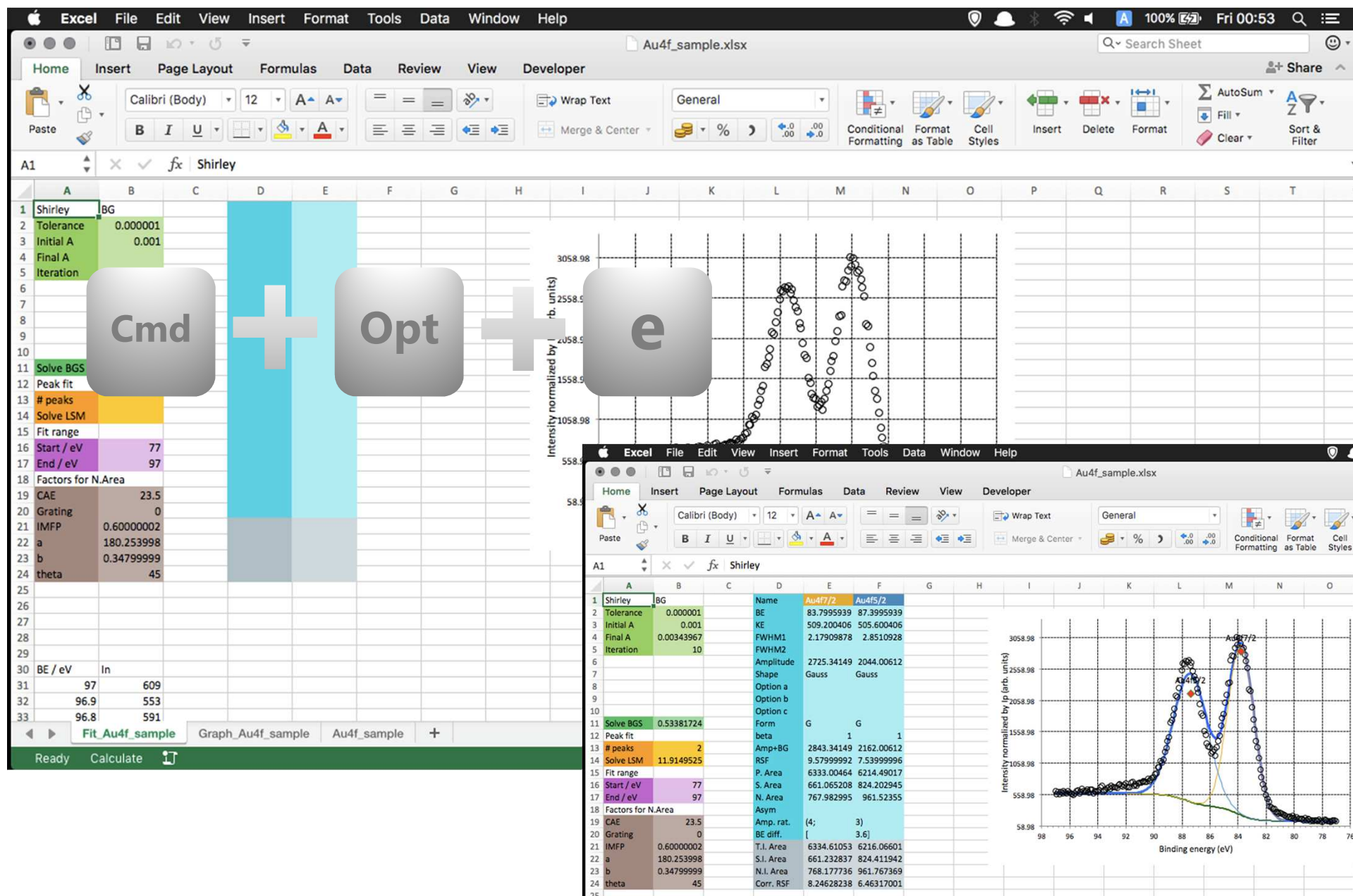
The screenshot displays the Excel interface with the file **Au4f\_sample.xlsx** open. The worksheet contains a table of data with columns for KE/eV and intensity. Two graphs are visible: one showing the full spectrum and another showing a zoomed-in view of the Au4f peaks. Overlaid on the screenshot are three instructional elements:

- A keyboard shortcut diagram showing **Cmd + Opt + e**.
- A **Manual input mode** dialog box with the input field containing **600** and buttons for **Cancel** and **OK**.
- An **Input atomic elements** dialog box with the input field containing **Au** and buttons for **Cancel** and **OK**.

KE/eV	Intensity
110904_1625_1	
496	609
496.1	553
496.2	591
496.3	554
496.4	589
496.5	576
496.6	602
496.7	567
496.8	606
496.9	599
497	604
497.1	624
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

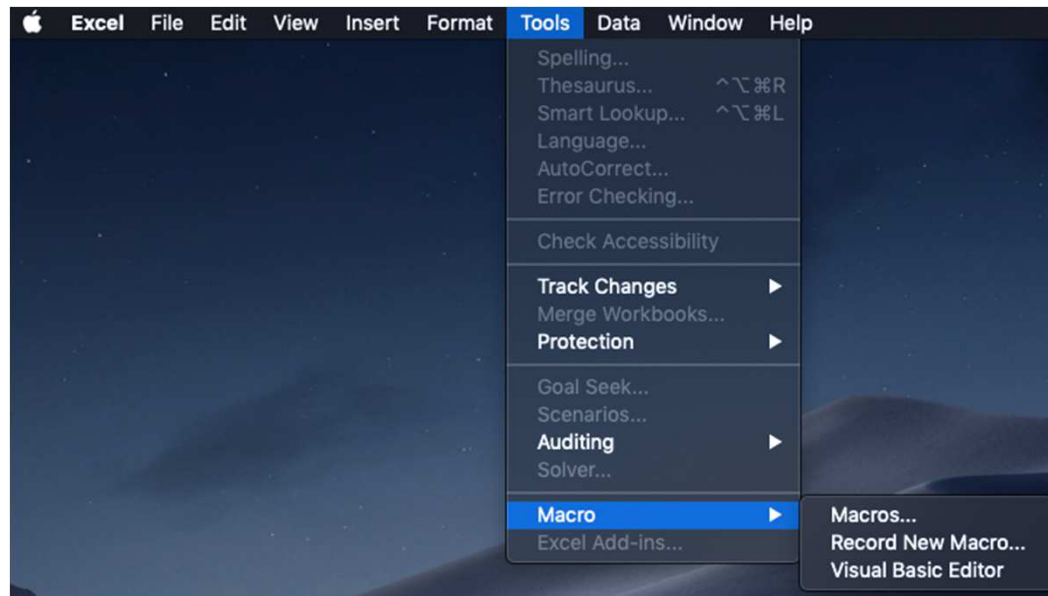


Select the worksheet "Fit\_filename" and use shortcut key.



# Batch processing

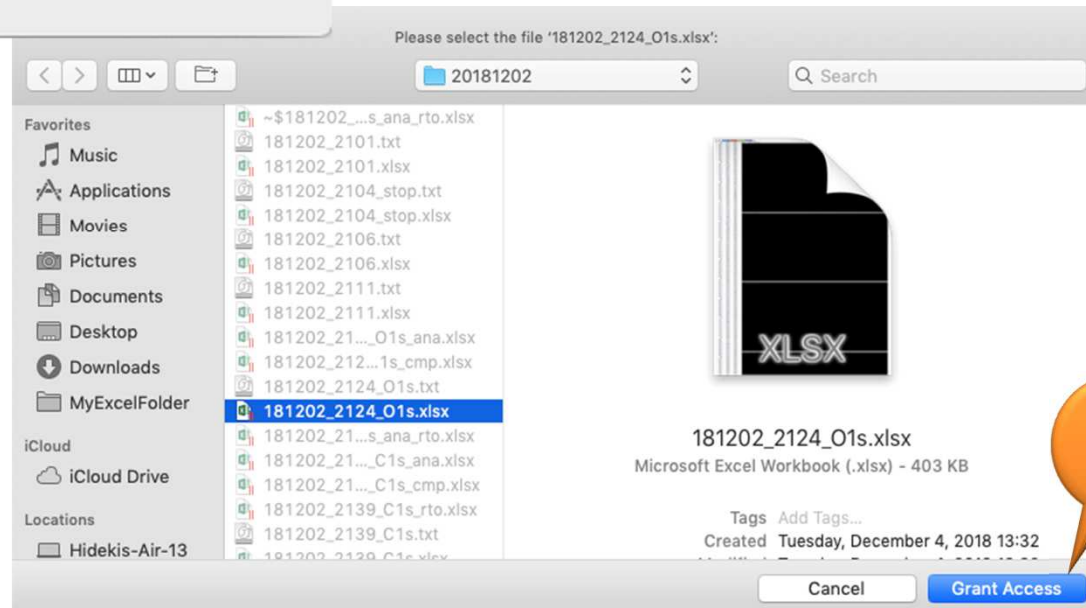
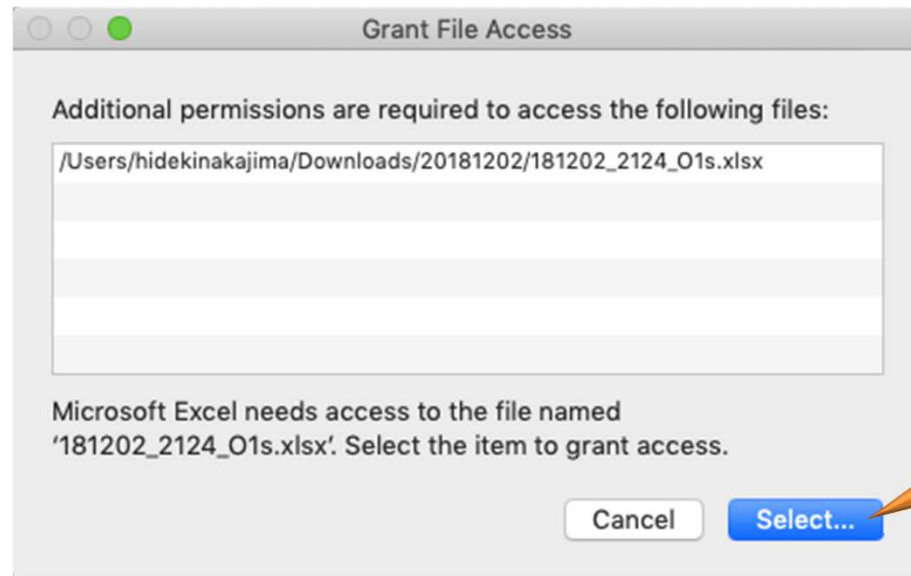
- Excel Mac has no blank window to be accessed, then batch processing mode cannot be performed.
- However, Menu bar - Tools - Macro - Macros ... - debugAll to run batching mode without opening any text files or workbooks in **MyExcelFolder**.



If you want to analyze the data outside MyExcelFolder

## **FILE ACCESS ISSUE**

You need to grant file access every first access to the file.



# References

- Multiple-file access granted on mac
  - <https://msdn.microsoft.com/en-us/library/office/mt654020.aspx>
  - <https://warwick.ac.uk/fac/sci/systemsbiology/staff/dyer/software/excelvbafileopen/>
- 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>