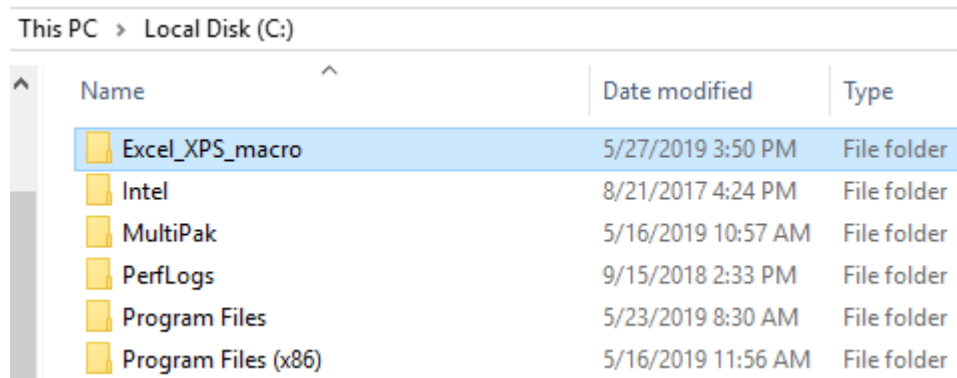


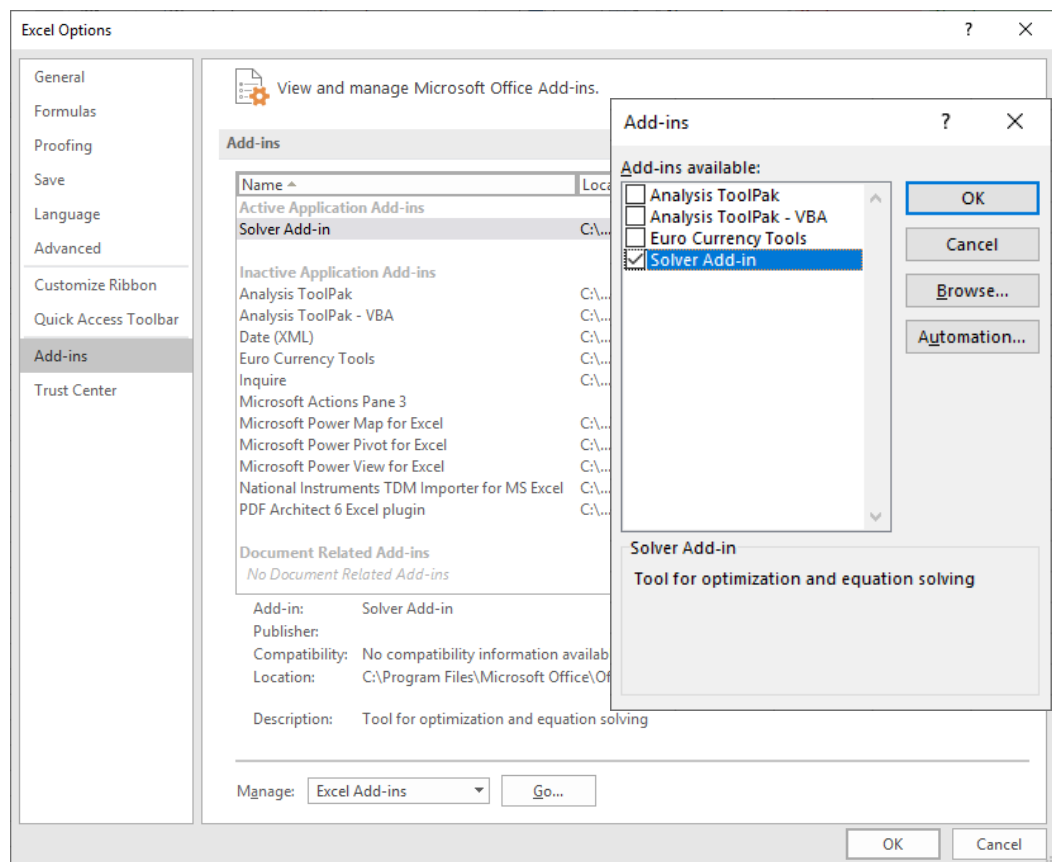
Instruction how to install Excel XPS macro on Windows Excel 2016

Hideki NAKAJIMA, rev. 27 May 2019.

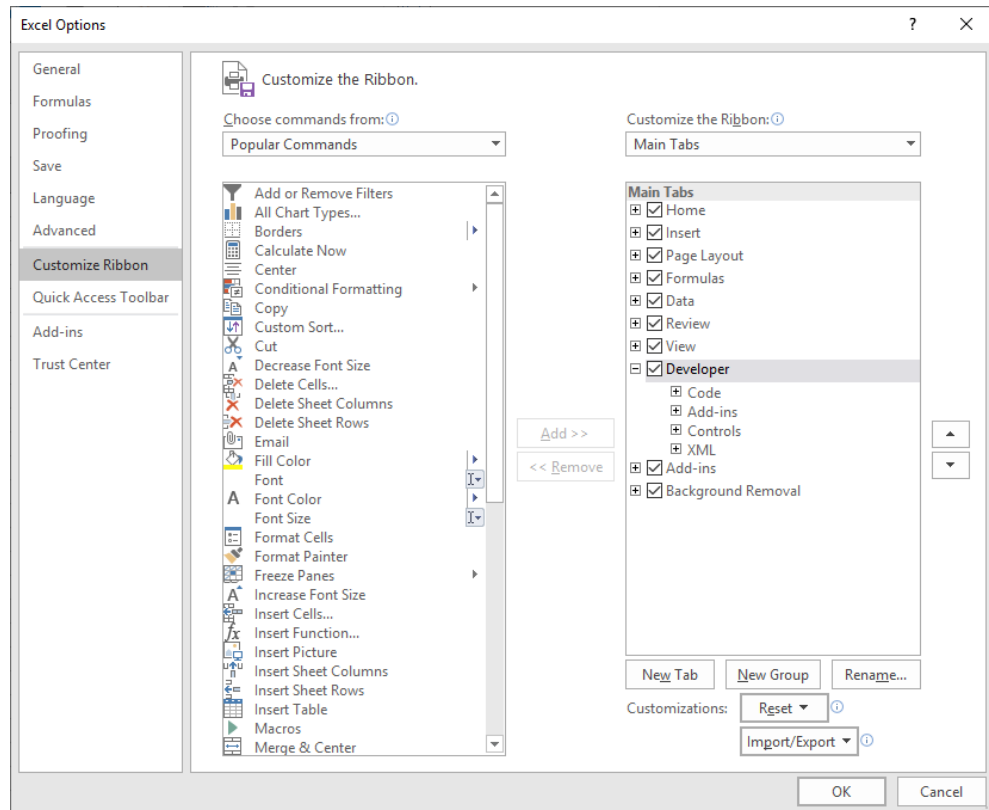
1. Download and unzip the Excel_XPS_macro.zip in the top directory of the drive.
For example, C:\Excel_XPS_Macro\ on the C drive.



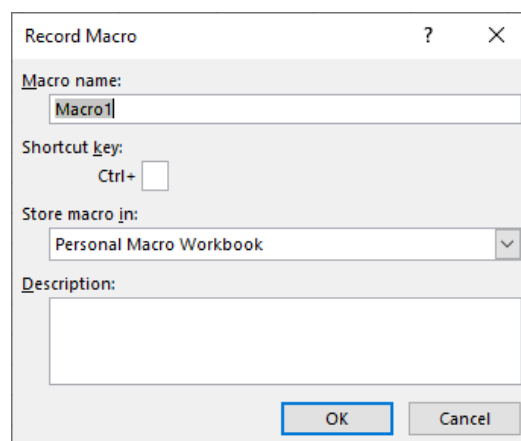
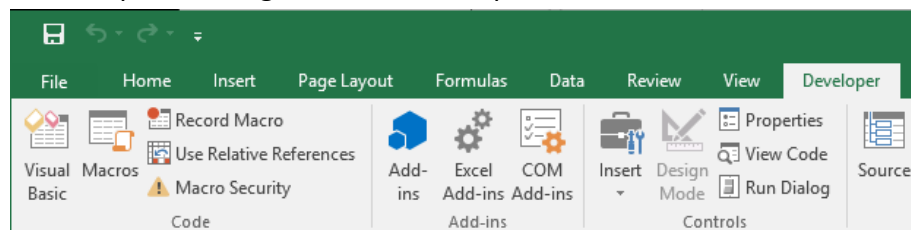
2. Activate Solver add-ins in Excel.
 - a. Install the **Solver add-ins** from Excel File menu - Options - Add-Ins.
 - b. Click Go... from Manage – Excel Add-ins.
 - c. Click on the Solver Add-in checkbox.



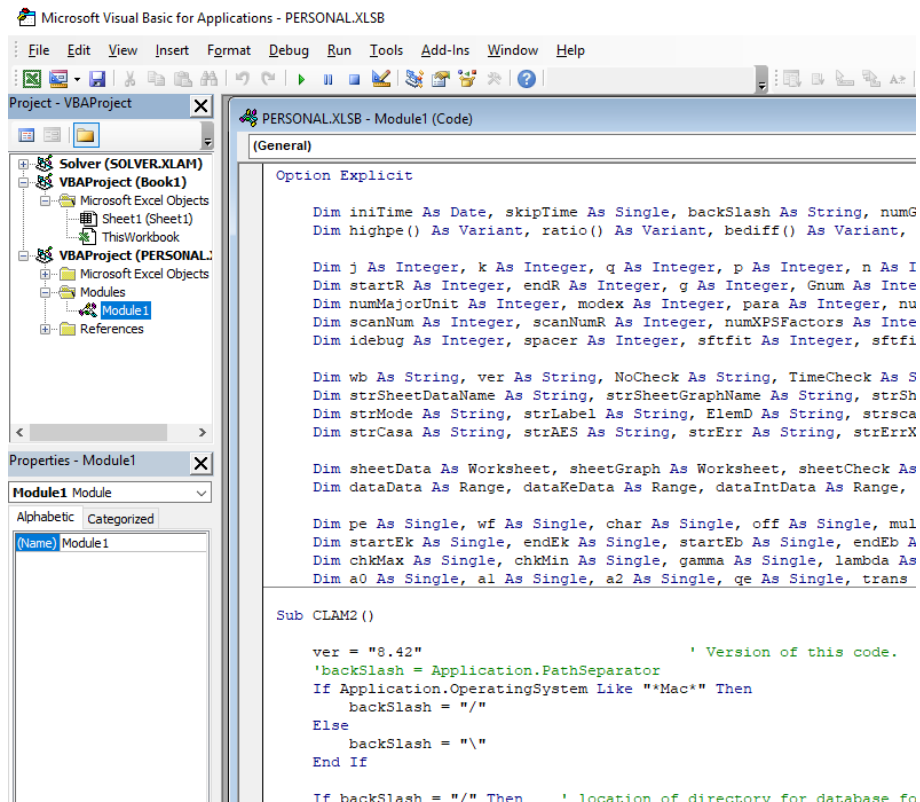
3. Create the Personal Macro Workbook (**personal.xlsb**).
 - a. Show Developer tab in the Ribbon in Excel Options – Customize Ribbon – Click on the Developer checkbox.



- b. Click Record Macro from the Developer tab.
- c. Store macro in: "**Personal Macro Workbook**" and click OK.
- d. Click Stop Recording from the Developer tab at the same location.



4. Install the VBA code (**LoadCLAM842_std.vb** in Excel XPS macro directory).
 - a. Click the Visual Basic in the Developer tab.
 - b. Open the Personal Macro Workbook from VBAProject (PERSONAL.XLSB) – Modules – Module1.
 - c. Open LoadCLAM842.vb with text editor, select all and copy, and paste in the Module1.



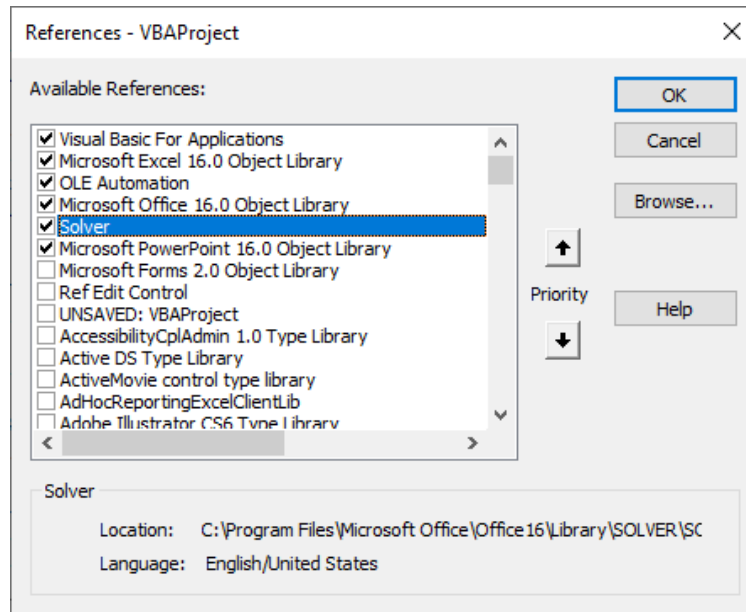
5. Change the **path to database** location in the code.
 - a. Specify the path where you unzip the Excel XPS macro in the code.
 - i. For example, unzip D:\Excel_XPS_macro\ in D drive.
 - ii. direc = "D:\Excel_XPS_macro\Data\hideki\XPS\"
 - b. Save the PERSONAL.XLSB from File menu.

```
Sub CLAM2 ()

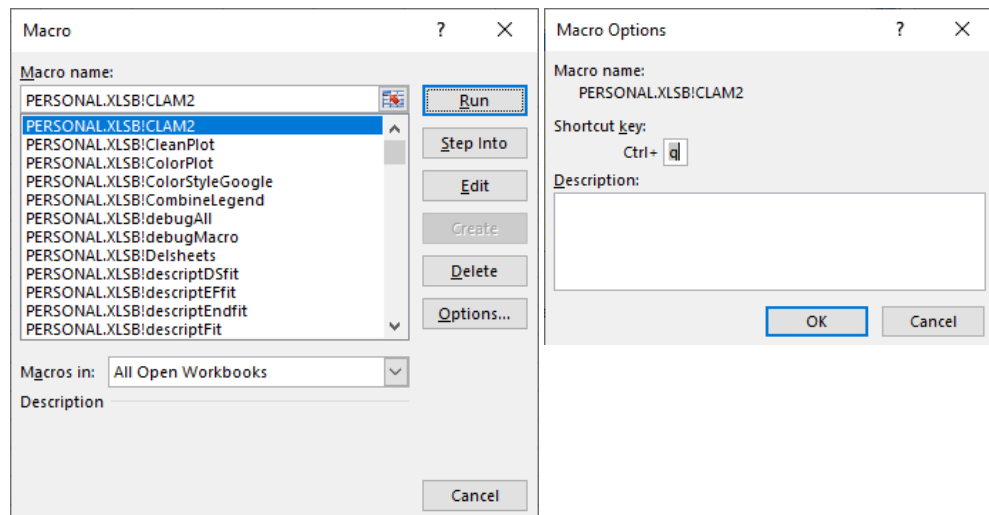
    ver = "8.42" ' Version of this code.
    'backSlash = Application.PathSeparator
    If Application.OperatingSystem Like "*Mac*" Then
        backSlash = "/"
    Else
        backSlash = "\"
    End If

    If backSlash = "/" Then ' location of directory for database for mac (Go
    direc = "Library/Group Containers/UBF8T346G9.Office/MyExcelFolder/XPS/"
    'direc = backSlash + "Users" + backSlash + "hidekinakajima" + backSlash
    'direc = backSlash + "Users" + backSlash + "apple" + backSlash + "Docume
    Else ' Windows
    direc = "D:\Excel_XPS_macro\DATA\hideki\XPS\" ' old style
    'direc = "G:" + backSlash + "Data" + backSlash + "Hideki" + backSlash +
    'direc = "D:" + backSlash + "DATA" + backSlash + "hideki" + backSlash +
    'direc = "C:" + backSlash + "Users" + backSlash + "Public" + backSlash +
    End If
```

6. Activate the **Solver library** in the VBA project.
 - a. Open the References in the VBAProject from the menu Tools – References.
 - b. Click on the Solver checkbox, and click OK.



7. Assign the **Shortcut key** to run the code.
 - a. Click Macro in the Developer tab.
 - b. Select Personal.xlsb!CLAM2 and Click Options ...
 - c. Type in the key "q", and click OK.



8. Quit Excel and save the macro.

