PowerShell Programming
COM-Objects and .NET-Objects

Exercise 1

Create a list of all services running on your system and output their name and status to an Excel sheet. Use a COM-object for the file itself and objects for the workbook and the sheet contained in it. Save your file as *Services.xlsx* in the user's Download folder.

Exercise 2

Create an RSS feed reader for one of the PowerShell feeds listed at
https://blog.feedspot.com/powershell_rss_feeds/ . Use the URL next to the orange label [🔊 + Follow RSS] for connecting to the feed.
Test your reader by returning a table of titles and links for some blog posts.

Exercise 3

Run a PowerShell as administrator.

Load the library *System.Windows.Forms* to create a message box and an icon for the windows task bar by issuing the command
[System.Reflection.Assembly]::LoadWithPartialName("System.Windows.Forms").

a. Create a pop up message displaying the text *I am some important text*.

b. Create a notify icon for the Windows info center displaying the text
    I am a system notification.

Exercise 4

Create a script containing the two following functions:

a. Function *Get-UsbDrive*, that recognizes attached USB drives and prints their drive letter.

b. Function *Remove-UsbDrive*, that takes a drive letter as parameter and ejects the USB drive labeled with this letter. The parameter is mandatory.
    Hints: Use a COM-Object of type *Shell.Application*. The action for ejecting the device is *Eject* (like in the context menu).