

Exercise 1

```
a. gci $Env:windir -File | Sort-Object -Property Length -Descending | Export-Csv  
-Path "dateien.csv"  
b. gci $Env:Windir -File | ? { $_.Extension -eq ".exe" } | Measure-Object  
-Property Length -Sum -Average
```

Exercise 2

```
# see file knuth.ps1
```

Exercise 3

```
# find type of a returned object  
(((Get-LocalUser -Name anr) | Get-Member | Out-String -Stream | Select-String  
-Pattern "TypeName:").ToString() -split ":")[1]  
# ((Some-Cmdlet | Get-Member | Out-String -Stream | Select-String -Pattern  
"TypeName:").ToString() -split ":")[1]
```