

Aufgabe 1:

1.1

printenv / env / printenv | sort

```
losem@LTV: ~  
01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=00;36:*.au=00;36:*.flac=00;36:*.m4a=00;36:*.mid=00;36:*.midi=00;36:*.mka=00;36:*.mp3=00;36:*.mpc=00;36:*.ogg=00;36:*.ra=00;36:*.wav=00;36:*.oga=00;36:*.opus=00;36:*.spx=00;36:*.xspf=00;36:  
NAME=LTV  
OLDPWD=/mnt/c/Windows/system32  
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/usr/lib/wsl/Lib:/mnt/c/Program Files/WindowsApps/MicrosoftCorporationII.WindowsSubsystemForLinux.1.2.5.0_x64__9wekyb3d8bbwe:/mnt/c/Program Files (x86)/Common Files/Oracle/Java/javapath:/mnt/c/Program Files/Microsoft/jdk-11.0.16-hotspot/bin:/mnt/c/Windows/system32:/mnt/c/Windows:/mnt/c/Windows/System32/Wbem:/mnt/c/Windows/System32/WindowsPowerShell/v1.0:/mnt/c/Windows/System32/OpenSSH:/mnt/c/Program Files/NVIDIA Corporation/NVIDIA NvDLISR:/mnt/c/Program Files (x86)/NVIDIA Corporation/PhysX/Common:/mnt/c/Program Files/dotnet:/mnt/c/Program Files/Microsoft SQL Server/150/Tools/Binn:/mnt/c/Program Files/Microsoft SQL Server/Client SDK/ODBC/170/Tools/Binn:/mnt/c/Program Files (x86)/Windows Kits/10/Windows Performance Toolkit:/mnt/e/Python/Python39-64/Scripts:/mnt/c/Program Files/Autodesk Shared:/mnt/c/Users/kevin/AppData/Local/Microsoft/WindowsApps/microsoft_vs_code/bin:/mnt/c/Users/kevin/.dotnet/tools:/mnt/c/Users/kevin/AppData/Roaming/npm:/snap/bin  
PWD=/home/losem  
SHELL=/bin/bash  
SHLVL=0  
TERM=xterm-256color  
USER=losem  
WAYLAND_DISPLAY=wayland-0  
WSL2_GUI_APPS_ENABLED=1  
WSLENV=  
WSL_DISTRO_NAME=Ubuntu  
WSL_INTEROP=/run/wsl/398_interop  
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snapd/desktop  
XDG_RUNTIME_DIR=/run/user/1000/  
_=/usr/bin/printenv  
losemvar=Guten Morgen mein Meister!  
losem@LTV:~$
```

1.2-1.4

Export losemvar="Guten morgen mein Meister!"

```
losem@LTV: ~  
losem@LTV:~$ bash  
Guten Morgen mein Meister!  
losem@LTV:~$ exit  
losem@LTV:~$
```

Aufgabe 2:

echo "alias ll='ls -alF'" >> ~/.bashrc

```
losem@LTV: ~  
losem@LTV:~$ bash  
Guten Morgen mein Meister!  
losem@LTV:~$ ll  
total 48  
drwxr-xr-x 7 losem losem 4096 Nov 6 14:20 ./  
drwxr-xr-x 3 losem losem 4096 Oct 25 10:25 ../  
-rw-r--r-- 1 losem losem 814 Nov 6 14:17 bash_history  
-rw-r--r-x 1 www-data www-data 220 Oct 25 10:25 bash_logout*  
-rw-r--r-x 1 losem losem 3893 Nov 6 14:20 bashrc*  
drwxr-xr-x 2 www-data www-data 4096 Oct 25 10:25 .cache/  
-rw-r--r-- 1 root root 0 Nov 6 11:23 hushlogin  
-rw-r--r-x 1 losem losem 0 Nov 6 11:22 mail_show*  
-rw-r--r-x 1 www-data www-data 807 Oct 25 10:25 profile*  
-rw-r--r-x 1 www-data www-data 0 Oct 25 10:28 sudo_as_admin_successful*  
drwxr-xr-x 3 losem losem 4096 Nov 6 11:29 vscode-server/  
-rw-r--r-- 1 root root 24 Nov 6 14:14 zshrc  
drwxr-xr-x 3 root root 4096 Nov 6 11:09 /  
drwxr-xr-x 4 root root 4096 Oct 30 11:43 linux_essentials-3.1/  
drwxr-xr-x 3 www-data www-data 4096 Oct 25 10:37 website/  
losem@LTV:~$
```

Aufgabe 3:

Alias Erstellung, Umgebungsvariablen, Funktionen definieren etc.