

useful_loops.sh

#!/bin/bash

Define packages list

packages=(

 'nano'

 'wget'

 'net-tools'

)

loop though the list of packages and show if they are installed

for package in \${packages[@]};

do

 if [\$(which \$package)]

 then

 echo "\$package is installed at \$(which \$package)."

 else

 echo "\$package is not installed."

 fi

done

Search each user's home directory for scripts and provide a formatted output.

for user in \$(ls /home);

do

 for item in \$(find /home/\$user -iname '*.sh');

 do

 echo -e "Found a script in \$user's home folder! \n\$item"

 done

done

loop through scripts in the scripts folder and change the permissions to execute

for script in \$(ls ~/scripts);

do

if [! -x ~/scripts/\$script]

then

chmod +x ~/scripts/\$script

fi

done

loop through a group of files and create a hash of each file.

we assume files_for_hashing/ exists and contains at least one file

for file in \$(ls ~/Documents/files_for_hashing/);

do

sha256sum \$file

done