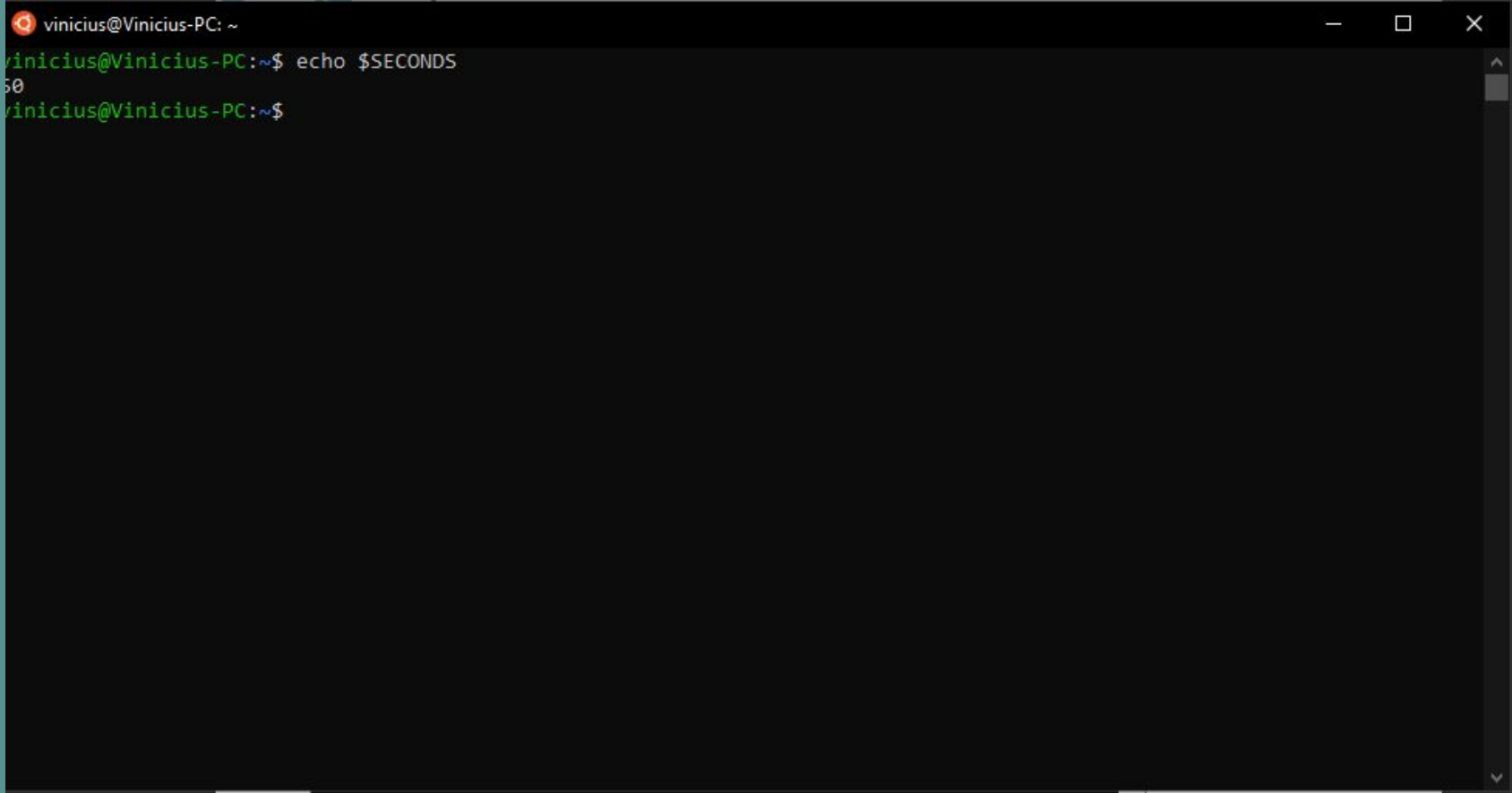


Shell para scripts parte 3

Vinicius - 01192071

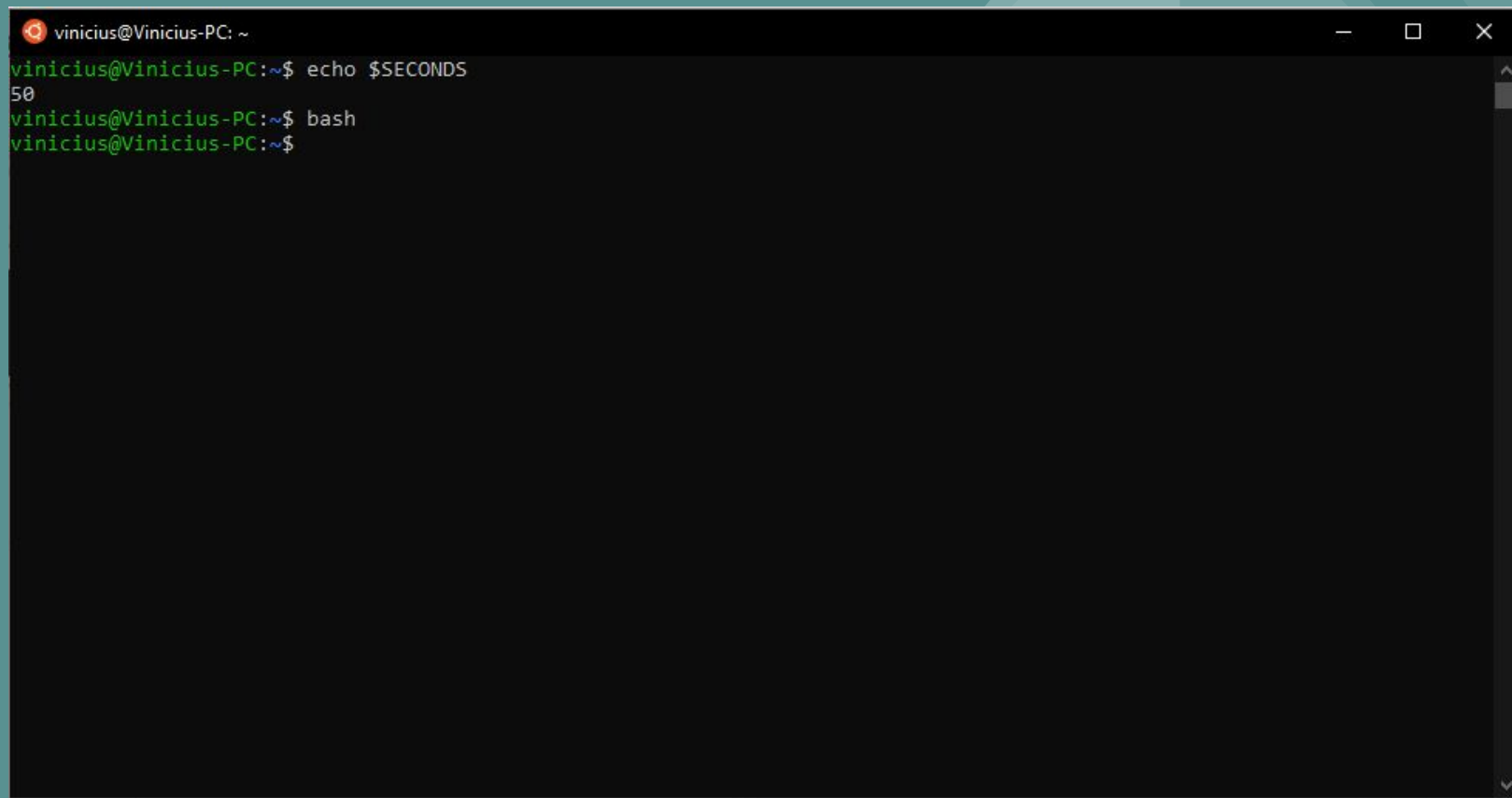


echo \$SECONDS

A terminal window titled 'vinicius@Vinicius-PC: ~' with standard window controls. The prompt 'vinicius@Vinicius-PC:~\$' is followed by the command 'echo \$SECONDS'. The output '50' is displayed on the next line. The prompt 'vinicius@Vinicius-PC:~\$' appears again on the following line. A vertical scrollbar is visible on the right side of the terminal.

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$
```

bash

A terminal window titled 'vinicius@Vinicius-PC: ~' with standard window controls. The terminal shows a sequence of commands and their outputs: 'echo \$SECONDS' returns '50', and 'bash' is executed successfully, returning to the shell prompt.

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$
```

ps

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   7 tty1      00:00:00 bash  
  28 tty1      00:00:00 bash  
  42 tty1      00:00:00 bash  
  48 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$
```

echo \$SECONDS após o comando ps

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   7  tty1      00:00:00 bash  
  28  tty1      00:00:00 bash  
  42  tty1      00:00:00 bash  
  48  tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $SECONDS  
262  
vinicius@Vinicius-PC:~$
```

echo \$SECONDS após o comando exit

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   7 tty1      00:00:00 bash  
  28 tty1      00:00:00 bash  
  42 tty1      00:00:00 bash  
  48 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $SECONDS  
262  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $SECONDS  
2291  
vinicius@Vinicius-PC:~$
```

echo \$SHELL

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $SECONDS  
50  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   7 tty1      00:00:00 bash  
  28 tty1      00:00:00 bash  
  42 tty1      00:00:00 bash  
  48 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $SECONDS  
262  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $SECONDS  
2291  
vinicius@Vinicius-PC:~$ echo $SHELL  
/bin/bash  
vinicius@Vinicius-PC:~$
```

Criando variável script1

```
vinicius@Vinicius-PC: ~  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ script1='vinicius'  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   64 tty1      00:00:00 bash  
   70 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ export script1  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   71 tty1      00:00:00 bash  
   77 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$
```


env

```
vinicius@Vinicius-PC: ~  
:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.svgz=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=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:  
LESSCLOSE=/usr/bin/lesspipe %s %s  
TERM=xterm-256color  
LESSOPEN=| /usr/bin/lesspipe %s  
USER=vinicius  
SHLVL=2  
WSLENV=  
script1=vinicius  
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/napd/desktop  
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/mnt/c/Program Files/WindowsApps/CanonicalGroupLimited.Ubuntu20.04onWindows_2004.2020.812.0_x64__79rhkpf1ndgsc:/mnt/c/Program Files (x86)/Common Files/Oracle/Java/javapath:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/iCLS:/mnt/c/Program Files/Intel/Intel(R) Management Engine Components/iCLS:/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 (x86)/NVIDIA Corporation/PhysX/Common:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files/Intel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/IPT:/mnt/c/Program Files/Intel/Intel(R) Management Engine Components/IPT:/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/Git/cmd:/mnt/c/Users/vinic/AppData/Local/Microsoft/WindowsApps:/snap/bin  
HOSTTYPE=x86_64  
_=/usr/bin/env  
vinicius@Vinicius-PC:~$
```

Mostrando bashes ativos

```
vinicius@Vinicius-PC: ~  
01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=0  
1;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:  
LESSCLOSE=/usr/bin/lesspipe %s %s  
TERM=xterm-256color  
LESSOPEN=| /usr/bin/lesspipe %s  
USER=vinicius  
SHLVL=2  
WSLENV=  
script1=vinicius  
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snapd/desktop  
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/mnt/c/Program Files/Windo  
wsApps/CanonicalGroupLimited.Ubuntu20.04onWindows_2004.2020.812.0_x64__79rhkpf1fndgsc:/mnt/c/Program Files (x86)/Common F  
iles/Oracle/Java/javapath:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/iCLS:/mnt/c/Program Fi  
les/Intel/Intel(R) Management Engine Components/iCLS:/mnt/c/windows/system32:/mnt/c/windows:/mnt/c/windows/System32/Wbe  
m:/mnt/c/windows/System32/WindowsPowerShell/v1.0/;/mnt/c/windows/System32/OpenSSH/;/mnt/c/Program Files (x86)/NVIDIA Cor  
poration/PhysX/Common:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files/In  
tel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/IPT  
:/mnt/c/Program Files/Intel/Intel(R) Management Engine Components/IPT:/mnt/c/WINDOWS/system32:/mnt/c/WINDOWS:/mnt/c/WIND  
OWS/System32/Wbem:/mnt/c/WINDOWS/System32/WindowsPowerShell/v1.0/;/mnt/c/WINDOWS/System32/OpenSSH/;/mnt/c/Program Files/  
Git/cmd:/mnt/c/Users/vinic/AppData/Local/Microsoft/WindowsApps:/snap/bin  
HOSTTYPE=x86_64  
_=/usr/bin/env  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
    51 tty1      00:00:00 bash  
    71 tty1      00:00:00 bash  
    79 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$
```

Comandos com a variável global

```
vinicius@Vinicius-PC: ~  
poration/PhysX/Common:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files/In ^  
tel/Intel(R) Management Engine Components/DAL:/mnt/c/Program Files (x86)/Intel/Intel(R) Management Engine Components/IPT  
:/mnt/c/Program Files/Intel/Intel(R) Management Engine Components/IPT:/mnt/c/WINDOWS/system32:/mnt/c/WINDOWS:/mnt/c/WIND  
OWS/System32/Wbem:/mnt/c/WINDOWS/System32/WindowsPowerShell/v1.0/:/mnt/c/WINDOWS/System32/OpenSSH:/mnt/c/Program Files/  
Git/cmd:/mnt/c/Users/vinic/AppData/Local/Microsoft/WindowsApps:/snap/bin  
HOSTTYPE=x86_64  
_=/usr/bin/env  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   71 tty1      00:00:00 bash  
   79 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   71 tty1      00:00:00 bash  
   86 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$
```


Removendo a variável global

```
vinicius@Vinicius-PC: ~  
79 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ bash  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   71 tty1      00:00:00 bash  
   86 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   87 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$
```

Testando comandos com o script2

```
vinicius@Vinicius-PC: ~  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   71 tty1      00:00:00 bash  
   86 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ exit  
exit  
vinicius@Vinicius-PC:~$ echo $script1  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   87 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ script2=(azul amarelo verde vermelho)  
vinicius@Vinicius-PC:~$ echo $script2  
azul  
vinicius@Vinicius-PC:~$ echo ${script2[2]}  
verde  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo verde vermelho  
vinicius@Vinicius-PC:~$ script2[3]=branco  
vinicius@Vinicius-PC:~$ unset script2[2]  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo branco
```

Iniciando Alias

```
vinicius@Vinicius-PC: ~  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   87 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ script2=(azul amarelo verde vermelho)  
vinicius@Vinicius-PC:~$ echo $script2  
azul  
vinicius@Vinicius-PC:~$ echo ${script2[2]}  
verde  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo verde vermelho  
vinicius@Vinicius-PC:~$ script2[3]=branco  
vinicius@Vinicius-PC:~$ unset script2[2]  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo branco  
vinicius@Vinicius-PC:~$ alias  
alias alert='notify-send --urgency=low -i "$([ $? = 0 ] && echo terminal || echo error)" "$(history|tail -n1|sed -e '\''  
s/^\s*[0-9]\+\s*//;s/[:;&]\s*alert$//'\''")'  
alias egrep='egrep --color=auto'  
alias fgrep='fgrep --color=auto'  
alias grep='grep --color=auto'  
alias l='ls -CF'  
alias la='ls -A'  
alias ll='ls -alF'  
alias ls='ls --color=auto'  
vinicius@Vinicius-PC:~$
```

Iniciando Alias

```
vinicius@Vinicius-PC: ~  
vinicius  
vinicius@Vinicius-PC:~$ ps  
  PID TTY          TIME CMD  
   51 tty1      00:00:00 bash  
   87 tty1      00:00:00 ps  
vinicius@Vinicius-PC:~$ unset script1  
vinicius@Vinicius-PC:~$ echo $script1  
  
vinicius@Vinicius-PC:~$ script2=(azul amarelo verde vermelho)  
vinicius@Vinicius-PC:~$ echo $script2  
azul  
vinicius@Vinicius-PC:~$ echo ${script2[2]}  
verde  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo verde vermelho  
vinicius@Vinicius-PC:~$ script2[3]=branco  
vinicius@Vinicius-PC:~$ unset script2[2]  
vinicius@Vinicius-PC:~$ echo ${script2[*]}  
azul amarelo branco  
vinicius@Vinicius-PC:~$ alias  
alias alert='notify-send --urgency=low -i "$([ $? = 0 ] && echo terminal || echo error)" "$(history|tail -n1|sed -e '\''  
s/^\s*[0-9]\+\s*//;s/[:;&]\s*alert$//'\''")'  
alias egrep='egrep --color=auto'  
alias fgrep='fgrep --color=auto'  
alias grep='grep --color=auto'  
alias l='ls -CF'  
alias la='ls -A'  
alias ll='ls -alF'  
alias ls='ls --color=auto'  
vinicius@Vinicius-PC:~$
```

Manipulando comandos com alias

```
vinicius@Vinicius-PC: /usr/bin
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias ll='ls -alF'
alias ls='ls --color=auto'
alias mo='more'
vinicius@Vinicius-PC:/usr/bin$ alias mo
alias mo='more'
vinicius@Vinicius-PC:/usr/bin$ mo
'more' : command not found
vinicius@Vinicius-PC:/usr/bin$ $!
vinicius@Vinicius-PC:/usr/bin$ unalias ls
-bash: unalias: ls: not found
vinicius@Vinicius-PC:/usr/bin$ ls

Command 'ls' not found, did you mean:

command 'lsc' from deb livescript (1.6.0+dfsg-1)
command 'ls' from deb coreutils (8.30-3ubuntu2)
command 'lsw' from deb suckless-tools (44-1)
command 'psl' from deb psl (0.21.0-1ubuntu1)
command 'lsh' from deb lsh-client (2.1-12build3)
command 'wsl' from deb wsl (0.2.1-1)
command 'gsl' from deb generator-scripting-language (4.1.5-3)
command 'lsm' from deb lsm (1.0.4-1)
command 'sl' from deb sl (5.02-1)

Try: sudo apt install <deb name>

vinicius@Vinicius-PC:/usr/bin$
```


Manipulando comandos com alias

```
root@Vinicius-PC: /home/vinicius
bin  dev  home  lib   lib64  media  opt   root  sbin  srv  tmp  var
boot etc  init  lib32  libx32  mnt    proc  run   snap  sys  usr
root@Vinicius-PC:/# cd home/
root@Vinicius-PC:/home# ls
vinicius
root@Vinicius-PC:/home# cd vinicius/
root@Vinicius-PC:/home/vinicius# $typeset -f
-f: command not found
root@Vinicius-PC:/home/vinicius# cat func1
cat: func1: No such file or directory
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4(){ cd /home/vinicius; echo 'incluir-linha' >> func1; }
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# ls
func1
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
incluir-linha
root@Vinicius-PC:/home/vinicius#
```

criando script4

```
root@Vinicius-PC: /home/vinicius
bin  dev  home  lib  lib64  media  opt  root  sbin  srv  tmp  var
boot  etc  init  lib32  libx32  mnt  proc  run  snap  sys  usr
root@Vinicius-PC:/# cd home/
root@Vinicius-PC:/home# ls
vinicius
root@Vinicius-PC:/home# cd vinicius/
root@Vinicius-PC:/home/vinicius# $typeset -f
-f: command not found
root@Vinicius-PC:/home/vinicius# cat func1
cat: func1: No such file or directory
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4(){ cd /home/vinicius; echo 'incluir-linha' >> func1; }
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# ls
func1
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
incluir-linha
root@Vinicius-PC:/home/vinicius#
```

ls -a

```
root@Vinicius-PC: /home/vinicius
bin  dev  home  lib   lib64  media  opt   root  sbin  srv  tmp  var
boot  etc  init  lib32  libx32  mnt    proc  run   snap  sys  usr
root@Vinicius-PC:/# cd home/
root@Vinicius-PC:/home# ls
vinicius
root@Vinicius-PC:/home# cd vinicius/
root@Vinicius-PC:/home/vinicius# $typeset -f
-f: command not found
root@Vinicius-PC:/home/vinicius# cat func1
cat: func1: No such file or directory
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4(){ cd /home/vinicius; echo 'incluir-linha' >> func1; }
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# ls
func1
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
incluir-linha
root@Vinicius-PC:/home/vinicius# ls -a
.  ..  .bash_history  .bash_logout  .bashrc  .landscape  .motd_shown  .profile  .sudo_as_admin_successful  func1
root@Vinicius-PC:/home/vinicius#
```

ls -a

```
DESKTOP-80T5LD3 200415 2203 nmon
root@Vinicius-PC: /home/vinicius
bin  dev  home  lib   lib64  media  opt   root  sbin  srv  tmp  var
boot  etc  init  lib32  libx32  mnt    proc  run   snap  sys  usr
root@Vinicius-PC:/# cd home/
root@Vinicius-PC:/home# ls
vinicius
root@Vinicius-PC:/home# cd vinicius/
root@Vinicius-PC:/home/vinicius# $typeset -f
-f: command not found
root@Vinicius-PC:/home/vinicius# cat func1
cat: func1: No such file or directory
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4(){ cd /home/vinicius; echo 'incluir-linha' >> func1; }
root@Vinicius-PC:/home/vinicius# ls
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# ls
func1
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
root@Vinicius-PC:/home/vinicius# script4
root@Vinicius-PC:/home/vinicius# cat func1
incluir-linha
incluir-linha
root@Vinicius-PC:/home/vinicius# ls -a
.  ..  .bash_history  .bash_logout  .bashrc  .landscape  .motd_shown  .profile  .sudo_as_admin_successful  func1
root@Vinicius-PC:/home/vinicius#
```

Verificando o script de inicialização do shell

```
root@Vinicius-PC: /home/vinicius

# some more ls aliases
alias ll='ls -alF'
alias la='ls -A'
alias l='ls -CF'

# Add an "alert" alias for long running commands.  Use like so:
#   sleep 10; alert
alias alert='notify-send --urgency=low -i "${([ $? = 0 ]) && echo terminal || echo error}" "$(history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[\;:&]\s*alert$/\`'\`'"

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi

".bashrc" 117L, 3771C
```


Verificando comando encontrado no script

```
root@Vinicius-PC: /home/vinicius
incluir-linha
root@Vinicius-PC:/home/vinicius# ls -a
.  .. .bash_history .bash_logout .bashrc .landscape .motd_shown .profile .sudo_as_admin_successful func1
root@Vinicius-PC:/home/vinicius# vi .bashrc
root@Vinicius-PC:/home/vinicius# ll
total 12
drwxr-xr-x 1 vinicius vinicius 4096 Nov 16 23:00 ./
drwxr-xr-x 1 root     root     4096 Nov 16 17:26 ../
-rw-r--r-- 1 vinicius vinicius  906 Nov 16 22:36 .bash_history
-rw-r--r-- 1 vinicius vinicius  220 Nov 16 17:26 .bash_logout
-rw-r--r-- 1 vinicius vinicius 3771 Nov 16 17:26 .bashrc
drwxr-xr-x 1 vinicius vinicius 4096 Nov 16 17:26 .landscape/
-rw-r--r-- 1 vinicius vinicius    0 Nov 16 17:26 .motd_shown
-rw-r--r-- 1 vinicius vinicius  807 Nov 16 17:26 .profile
-rw-r--r-- 1 vinicius vinicius    0 Nov 16 17:26 .sudo_as_admin_successful
-rw-r--r-- 1 root     root      28 Nov 16 22:55 func1
root@Vinicius-PC:/home/vinicius# vi .bashrc
root@Vinicius-PC:/home/vinicius# ll
total 12
drwxr-xr-x 1 vinicius vinicius 4096 Nov 16 23:01 ./
drwxr-xr-x 1 root     root     4096 Nov 16 17:26 ../
-rw-r--r-- 1 vinicius vinicius  906 Nov 16 22:36 .bash_history
-rw-r--r-- 1 vinicius vinicius  220 Nov 16 17:26 .bash_logout
-rw-r--r-- 1 vinicius vinicius 3771 Nov 16 17:26 .bashrc
drwxr-xr-x 1 vinicius vinicius 4096 Nov 16 17:26 .landscape/
-rw-r--r-- 1 vinicius vinicius    0 Nov 16 17:26 .motd_shown
-rw-r--r-- 1 vinicius vinicius  807 Nov 16 17:26 .profile
-rw-r--r-- 1 vinicius vinicius    0 Nov 16 17:26 .sudo_as_admin_successful
-rw-r--r-- 1 root     root      28 Nov 16 22:55 func1
root@Vinicius-PC:/home/vinicius#
```

2) Na parte em que criamos o processo pai e filhos, usando bash, como a thread está sendo aplicada? Se não sabe responder estude os dois penúltimos materiais da aula.

Resposta: O processo pai cria o processo filho e se o processo pai morrer o processo filho morre.