

# Week Report 8

## Practice 1

1/1 + [icons]

Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~

[icons]

1: federico-silva@federico-silva-VMware-Virtual-Platform: ~

federico-silva@federico-silva-VMware-Virtual-Platform:~\$ awk -F: '{print \$1}' /etc/passwd

root  
daemon  
bin  
sys  
sync  
games  
man  
lp  
mail  
news  
uucp  
proxy  
www-data  
backup  
list  
irc  
\_apt  
nobody  
systemd-network  
systemd-timesync  
dhcpcd  
messagebus  
syslog  
systemd-resolve  
uuidd  
usbmux  
tss  
systemd-oom  
kernoops  
whoopsie  
dnsmasq  
avahi  
tcpdump  
sssd  
speech-dispatcher  
cups-pk-helper  
fwupd-refresh

1/1 + [icons]

Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~

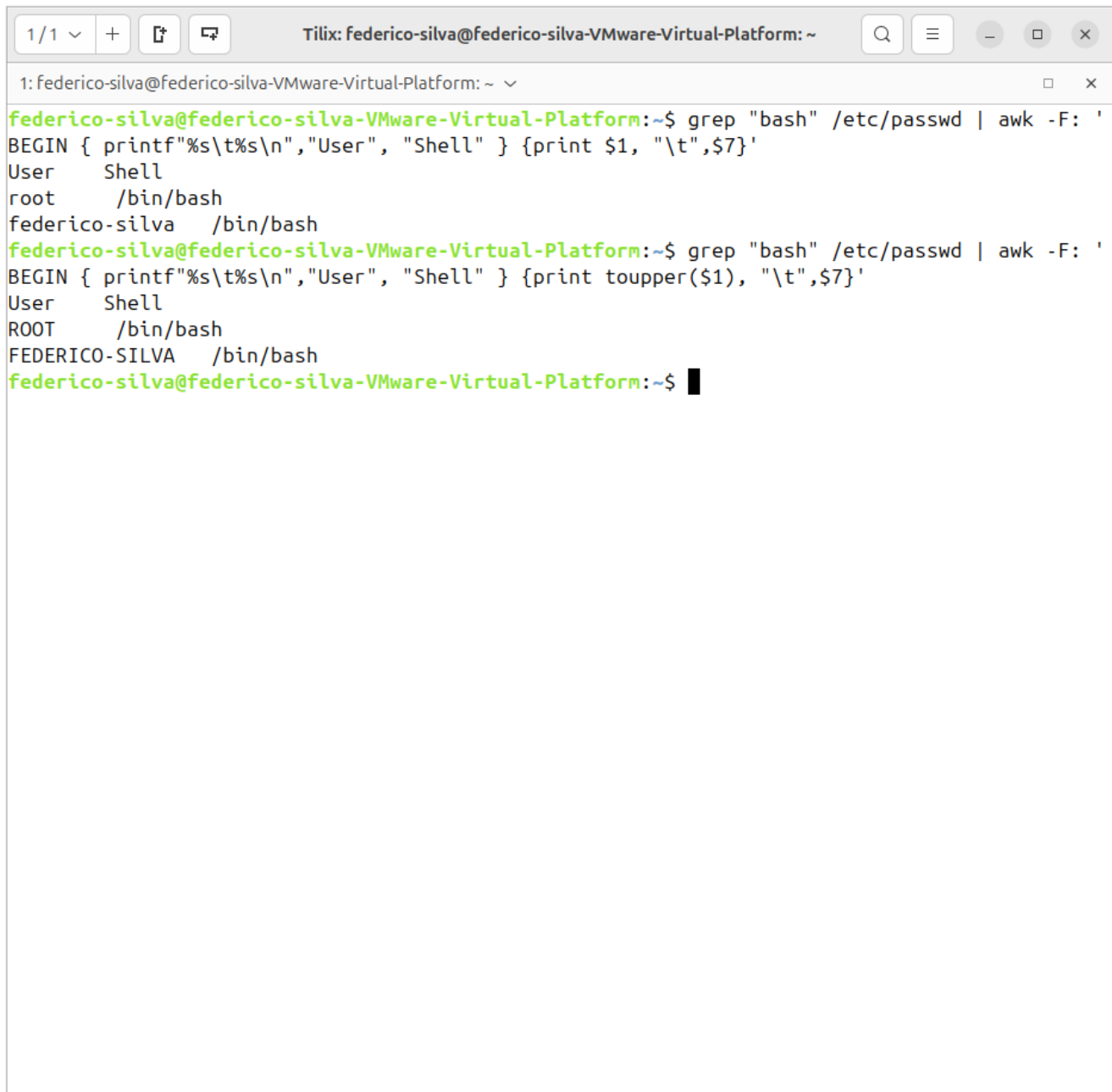
[icons]

1: federico-silva@federico-silva-VMware-Virtual-Platform: ~

federico-silva@federico-silva-VMware-Virtual-Platform:~\$ awk -F: '{print \$1,\$NF}' /etc/passwd

root /bin/bash  
daemon /usr/sbin/nologin  
bin /usr/sbin/nologin  
sys /usr/sbin/nologin  
sync /bin/sync  
games /usr/sbin/nologin  
man /usr/sbin/nologin  
lp /usr/sbin/nologin  
mail /usr/sbin/nologin  
news /usr/sbin/nologin  
uucp /usr/sbin/nologin  
proxy /usr/sbin/nologin  
www-data /usr/sbin/nologin  
backup /usr/sbin/nologin  
list /usr/sbin/nologin  
irc /usr/sbin/nologin  
\_apt /usr/sbin/nologin  
nobody /usr/sbin/nologin  
systemd-network /usr/sbin/nologin  
systemd-timesync /usr/sbin/nologin  
dhcpcd /bin/false  
messagebus /usr/sbin/nologin  
syslog /usr/sbin/nologin  
systemd-resolve /usr/sbin/nologin  
uuidd /usr/sbin/nologin  
usbmux /usr/sbin/nologin  
tss /bin/false  
systemd-oom /usr/sbin/nologin  
kernoops /usr/sbin/nologin  
whoopsie /bin/false  
dnsmasq /usr/sbin/nologin  
avahi /usr/sbin/nologin  
tcpdump /usr/sbin/nologin  
sssd /usr/sbin/nologin  
speech-dispatcher /bin/false  
cups-pk-helper /usr/sbin/nologin  
fwupd-refresh /usr/sbin/nologin



```
1/1 + [T] [C] TiliX: federico-silva@federico-silva-VMware-Virtual-Platform: ~ [Q] [≡] [–] [□] [×]
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~ [□] [×]
federico-silva@federico-silva-VMware-Virtual-Platform:~$ awk -F: '{print toupper($1)}' /etc/
passwd
ROOT
DAEMON
BIN
SYS
SYNC
GAMES
MAN
LP
MAIL
NEWS
UUCP
PROXY
WWW-DATA
BACKUP
LIST
IRC
_APT
NOBODY
SYSTEMD-NETWORK
SYSTEMD-TIMESYNC
DHCPD
MESSAGEBUS
SYSLOG
SYSTEMD-RESOLVE
UUID
USBMUX
TSS
SYSTEMD-OOM
KERNOPS
WHOOPSIE
DNMASQ
AVAHI
TCPDUMP
SSSD
SPEECH-DISPATCHER
CUPS-PK-HELPER
```







A terminal window titled "Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~". The window shows two identical command executions. The first command is `grep "bash" /etc/passwd | awk -F: 'BEGIN { printf"%s\t%s\n","User", "Shell" } {print $1, "\t",$7}'`, which outputs a table with two columns: "User" and "Shell". The second command is `grep "bash" /etc/passwd | awk -F: 'BEGIN { printf"%s\t%s\n","User", "Shell" } {print toupper($1), "\t",$7}'`, which outputs a similar table but with the first column in uppercase. The terminal text is as follows:

```
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~  
federico-silva@federico-silva-VMware-Virtual-Platform:~$ grep "bash" /etc/passwd | awk -F: '  
BEGIN { printf"%s\t%s\n","User", "Shell" } {print $1, "\t",$7}'  
User      Shell  
root      /bin/bash  
federico-silva  /bin/bash  
federico-silva@federico-silva-VMware-Virtual-Platform:~$ grep "bash" /etc/passwd | awk -F: '  
BEGIN { printf"%s\t%s\n","User", "Shell" } {print toupper($1), "\t",$7}'  
User      Shell  
ROOT      /bin/bash  
FEDERICO-SILVA  /bin/bash  
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

## Practice 2

1/1 +  

Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~/Documents/Csv

```
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~/Documents/Csv
federico-silva@federico-silva-VMware-Virtual-Platform:~$ cd ~/Documents/Csv/
federico-silva@federico-silva-VMware-Virtual-Platform:~/Documents/Csv$ grep -i 'honda' cars.csv | sed 's/Honda/tesla/g'
tesla Civic;24.0;4;120.0;97.00;2489.;15.0;74;Japan
tesla Civic CVCC;33.0;4;91.00;53.00;1795.;17.5;75;Japan
tesla Civic;33.0;4;91.00;53.00;1795.;17.4;76;Japan
tesla Accord CVCC;31.5;4;98.00;68.00;2045.;18.5;77;Japan
tesla Civic CVCC;36.1;4;91.00;60.00;1800.;16.4;78;Japan
tesla Accord LX;29.5;4;98.00;68.00;2135.;16.6;78;Japan
tesla Civic 1500 gl;44.6;4;91.00;67.00;1850.;13.8;80;Japan
tesla Accord;32.4;4;107.0;72.00;2290.;17.0;80;Japan
tesla Civic 1300;35.1;4;81.00;60.00;1760.;16.1;81;Japan
tesla Prelude;33.7;4;107.0;75.00;2210.;14.4;81;Japan
tesla Accord;36.0;4;107.0;75.00;2205.;14.5;82;Japan
tesla Civic;38.0;4;91.00;67.00;1965.;15.0;82;Japan
tesla Civic (auto);32.0;4;91.00;67.00;1965.;15.7;82;Japan
federico-silva@federico-silva-VMware-Virtual-Platform:~/Documents/Csv$ grep -i 'honda' cars.csv | sed '1,3 s/Honda/tesla/g'
tesla Civic;24.0;4;120.0;97.00;2489.;15.0;74;Japan
tesla Civic CVCC;33.0;4;91.00;53.00;1795.;17.5;75;Japan
tesla Civic;33.0;4;91.00;53.00;1795.;17.4;76;Japan
Honda Accord CVCC;31.5;4;98.00;68.00;2045.;18.5;77;Japan
Honda Civic CVCC;36.1;4;91.00;60.00;1800.;16.4;78;Japan
Honda Accord LX;29.5;4;98.00;68.00;2135.;16.6;78;Japan
Honda Civic 1500 gl;44.6;4;91.00;67.00;1850.;13.8;80;Japan
Honda Accord;32.4;4;107.0;72.00;2290.;17.0;80;Japan
Honda Civic 1300;35.1;4;81.00;60.00;1760.;16.1;81;Japan
Honda Prelude;33.7;4;107.0;75.00;2210.;14.4;81;Japan
Honda Accord;36.0;4;107.0;75.00;2205.;14.5;82;Japan
Honda Civic;38.0;4;91.00;67.00;1965.;15.0;82;Japan
Honda Civic (auto);32.0;4;91.00;67.00;1965.;15.7;82;Japan
federico-silva@federico-silva-VMware-Virtual-Platform:~/Documents/Csv$
```