

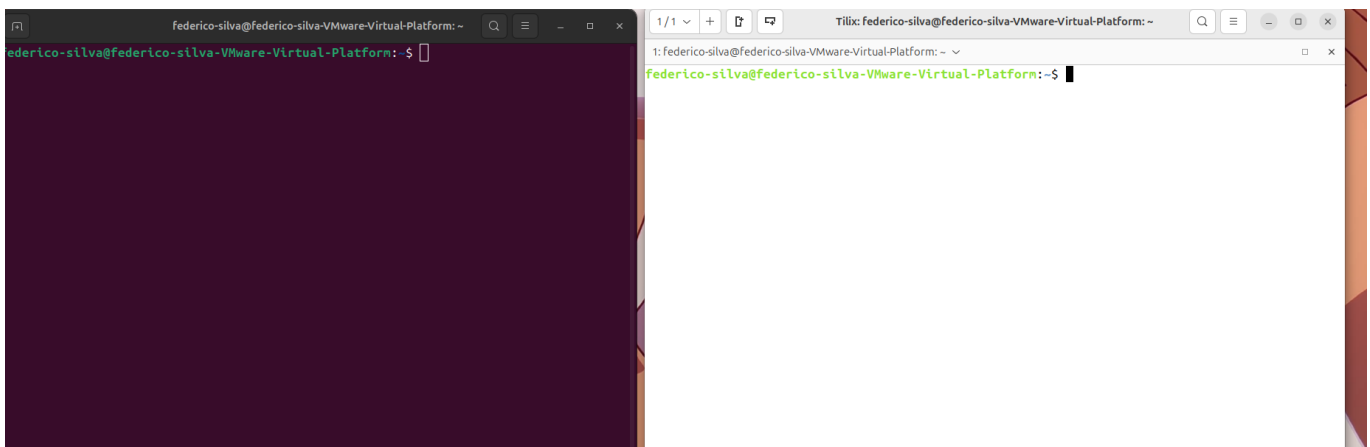
Week Report 3

Completed work Week 3

- [Lab3](#)
- [Notes3](#)
- [Managing software Cheat Sheet](#)

Practice

Practice 1



Practice 2

```
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~$  
  
federico-silva@federico-silva-VMware-Virtual-Platform:~$ bash --version  
GNU bash, version 5.2.21(1)-release (x86_64-pc-linux-gnu)  
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License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>  
  
This is free software; you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

Practice 3

```
1/1  +  ... o-silva@federico-silva-VMware-Virtual-Platform: ~  Q  -  x
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~  x
193 git add .
194 git commit -m "lab3 done"
195 git push
196 bash --version
197 clear
198 date
199 echo "hello world"
200 uname -a
201 history
202 irb
203 date
204 echo "hello world"
205 uname -a
206 history
federico-silva@federico-silva-VMware-Virtual-Platform:~$ !204
echo "hello world"
hello world
federico-silva@federico-silva-VMware-Virtual-Platform:~$ !! echo "hello"
echo "hello world" echo "hello"
hello world echo hello
federico-silva@federico-silva-VMware-Virtual-Platform:~$ !!world
echo "hello world" echo "hello"world
hello world echo helloworld
federico-silva@federico-silva-VMware-Virtual-Platform:~$ █
```

Practice 4

```
federico-silva@federico-silva-VMware-Virtual-Platform:~$ bash ~/Scripts/hello3.
h
hello world
I am learning linux
this is my first script
federico-silva@federico-silva-VMware-Virtual-Platform:~$ █
```

Practice 5

```
1/1 + ... o-silva@federico-silva-VMware-Virtual-Platform: ~
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -s
Linux
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -n
federico-silva-VMware-Virtual-Platform
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -io
x86_64 GNU/Linux
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -s
Linux
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -n
federico-silva-VMware-Virtual-Platform
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -io
uname: invalid option -- '0'
Try 'uname --help' for more information.
federico-silva@federico-silva-VMware-Virtual-Platform:~$ uname -io
x86_64 GNU/Linux
federico-silva@federico-silva-VMware-Virtual-Platform:~$ free --giga
Mem:          total      used      free      shared  buff/cache   available
Swap:         4          2          0          0           1           1
Swap:         4          1          3
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

Practice 6

```
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~
federico-silva@federico-silva-VMware-Virtual-Platform:~$ whatis ls
ls (1) - list directory contents
federico-silva@federico-silva-VMware-Virtual-Platform:~$ whatis pwd
pwd (1) - print name of current/working directory
federico-silva@federico-silva-VMware-Virtual-Platform:~$ whatis apt
apt (8) - command-line interface
federico-silva@federico-silva-VMware-Virtual-Platform:~$ whatis sudo
sudo (8) - execute a command as another user
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

Practice 7



Practice 7

Practice 8

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

BASTEI(6)Games ManualBASTEI(6)

NAME

bastet - Tetris(r) clone with "bastard" block-choosing AI

SYNOPSIS

bastet

DESCRIPTION

bastet (short for "bastard tetris") is a Tetris(r) clone which tries to give you the worst possible block. Playing bastet can be a painful experience, especially if you usually make "canyons" and wait for the long I-shaped block.

USAGE

bastet tries to conform as much as possible to the tetris guidelines. We refer to those for the rules of the game. In the starting menu, you can configure the key bindings; the default ones are:

DOWN moves the tetromino down (one single step)

LEFT moves the tetromino left

RIGHT moves the tetromino right

SPACE rotates CW

UP rotates CCW

ENTER drops the tetromino as far down as possible (hard drop)

Manual page bastet(6) line 1 (press h for help or q to quit) ▮

2: federico-silva@federico-silva-VMware-Virtual-Platform: ~ ▾ ×

```
[sudo] password for federico-silva:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libboost-program-options1.83.0
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  bastet
0 upgraded, 0 newly installed, 1 to remove and 65 not upgraded.
After this operation, 214 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 168468 files and directories currently installed.)
Removing bastet (0.43-7build1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for desktop-file-utils (0.27-2build1) ...
federico-silva@federico-silva-VMware-Virtual-Platform:~$ sudo apt purge bastet
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libboost-program-options1.83.0
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  bastet*
0 upgraded, 0 newly installed, 1 to remove and 65 not upgraded.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
(Reading database ... 168458 files and directories
currently installed.)
Purging configuration files for bastet (0.43-7build1) ...
federico-silva@federico-silva-VMware-Virtual-Platform:~$ ▮
```

Practice 9

```
federico-silva@federico-silva-VMware-Virtual-Platform:~$ snap search "tetris clone"
Name            Version  Publisher  Notes  Summary
tetris-in-racket 1.2-2    brunonova  -      Tetris clone developed in Racket
vitetris         0.57     bladernr   -      Console based version of Tetris
fairtris        3.0.0.4  chronoscz  -      A fair implementation of Classic Tetris® video game.
pmtris          1.0      kz6fittycent -      Poor Man's Tetris Clone
ltris-windows   1.2.3    marisag1967 -      A free Tetris clone that follows the original rules but adds some extras
federico-silva@federico-silva-VMware-Virtual-Platform:~$ sudo snap install tetris-in-racket
[sudo] password for federico-silva:
tetris-in-racket 1.2-2 from Bruno Nova (brunonova) installed
federico-silva@federico-silva-VMware-Virtual-Platform:~$ sudo snap remove tetris-in-racket
tetris-in-racket removed
federico-silva@federico-silva-VMware-Virtual-Platform:~$ ▮
```