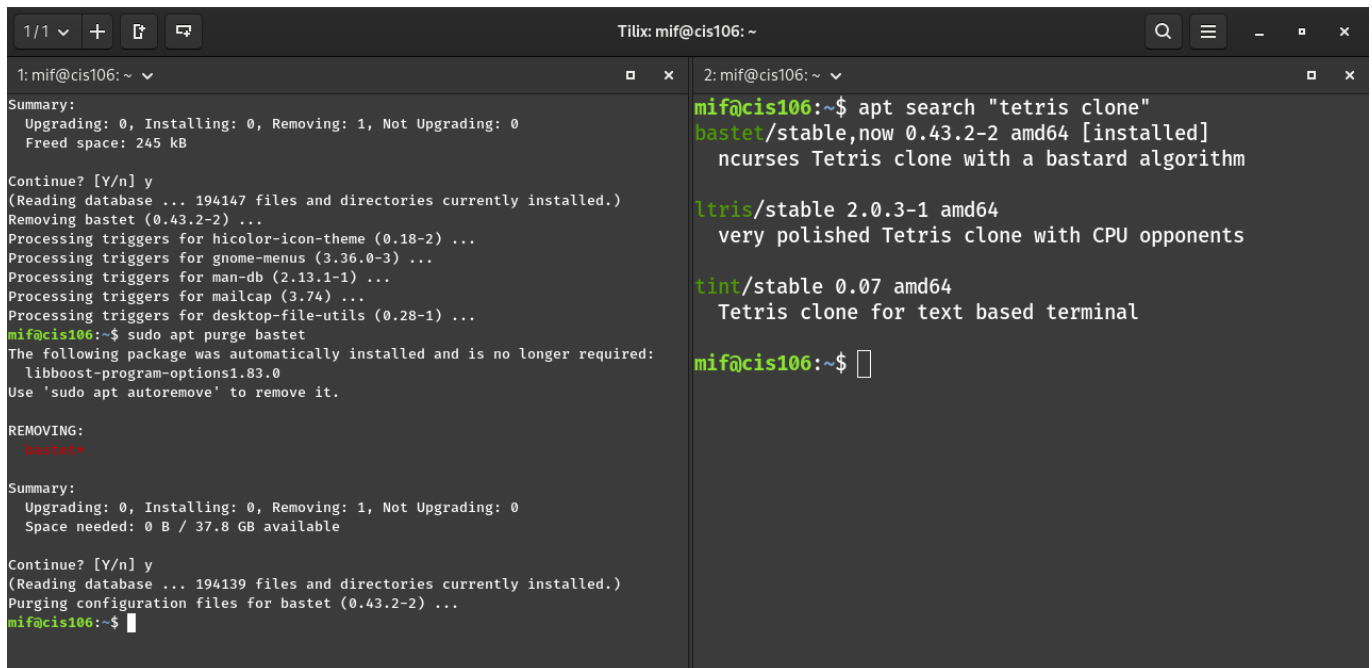


# Week Report 4

## Links

- [lab4](#)
- [notes4](#)

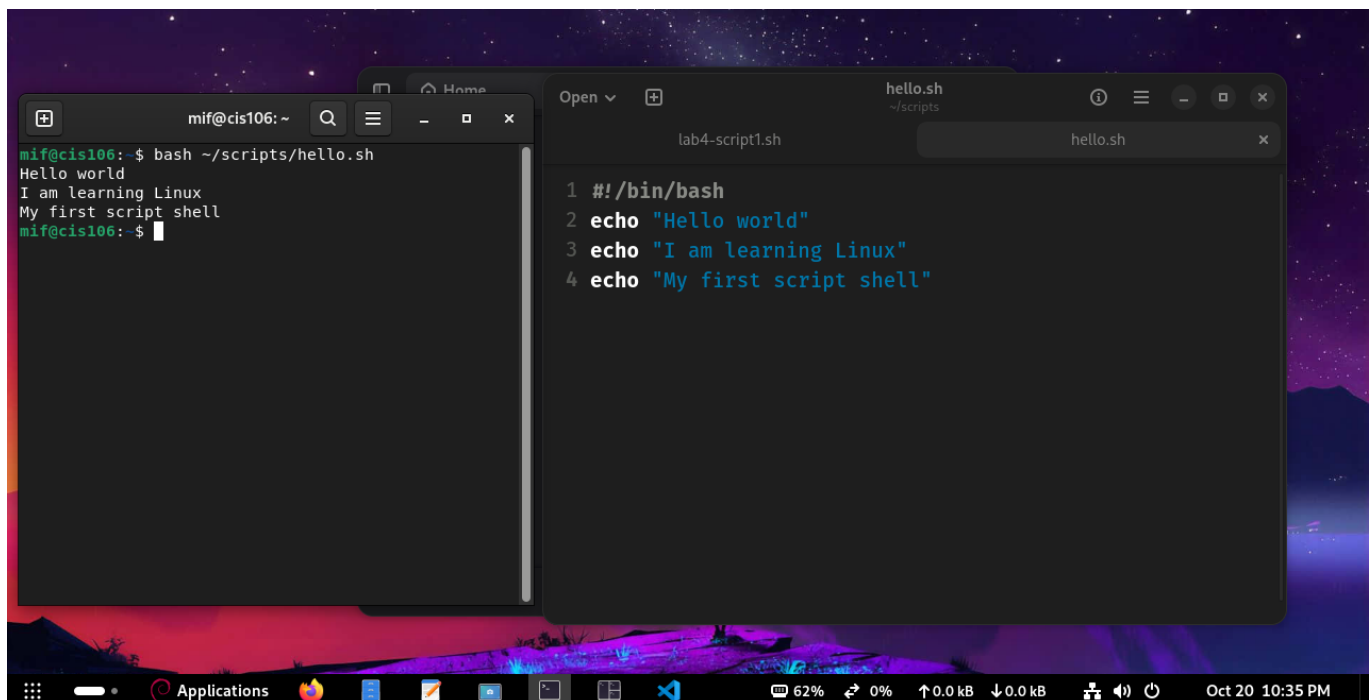
## Practice 1 Managing Software



The screenshot shows a terminal window with two panes. The left pane displays the output of the command `sudo apt purge bastet`. It shows the removal of the `bastet` package (version 0.43.2-2) and its configuration files. The right pane shows the output of the command `apt search "tetris clone"`, which lists several packages including `bastet`, `ltris`, and `tint`.

```
1: mif@cis106: ~  
Summary:  
  Upgrading: 0, Installing: 0, Removing: 1, Not Upgrading: 0  
  Freed space: 245 kB  
  
Continue? [Y/n] y  
(Reading database ... 194147 files and directories currently installed.)  
Removing bastet (0.43.2-2) ...  
Processing triggers for hicolor-icon-theme (0.18-2) ...  
Processing triggers for gnome-menus (3.36.0-3) ...  
Processing triggers for man-db (2.13.1-1) ...  
Processing triggers for mailcap (3.74) ...  
Processing triggers for desktop-file-utils (0.28-1) ...  
mif@cis106:~$ sudo apt purge bastet  
The following package was automatically installed and is no longer required:  
  libboost-program-options1.83.0  
Use 'sudo apt autoremove' to remove it.  
  
REMOVING:  
  bastet  
  
Summary:  
  Upgrading: 0, Installing: 0, Removing: 1, Not Upgrading: 0  
  Space needed: 0 B / 37.8 GB available  
  
Continue? [Y/n] y  
(Reading database ... 194139 files and directories currently installed.)  
Purging configuration files for bastet (0.43.2-2) ...  
mif@cis106:~$  
  
2: mif@cis106: ~  
mif@cis106:~$ apt search "tetris clone"  
bastet/stable,now 0.43.2-2 amd64 [installed]  
  ncurses Tetris clone with a bastard algorithm  
  
ltris/stable 2.0.3-1 amd64  
  very polished Tetris clone with CPU opponents  
  
tint/stable 0.07 amd64  
  Tetris clone for text based terminal  
  
mif@cis106:~$
```

## Practice 2 Shell Scripting ch 1



The screenshot shows a terminal window with two panes. The left pane displays the output of the command `bash ~/scripts/hello.sh`. The right pane shows the contents of the `hello.sh` script, which prints "Hello world", "I am learning Linux", and "My first script shell".

```
mif@cis106:~$ bash ~/scripts/hello.sh  
Hello world  
I am learning Linux  
My first script shell  
mif@cis106:~$  
  
lab4-script1.sh  
hello.sh  
1 #!/bin/bash  
2 echo "Hello world"  
3 echo "I am learning Linux"  
4 echo "My first script shell"
```