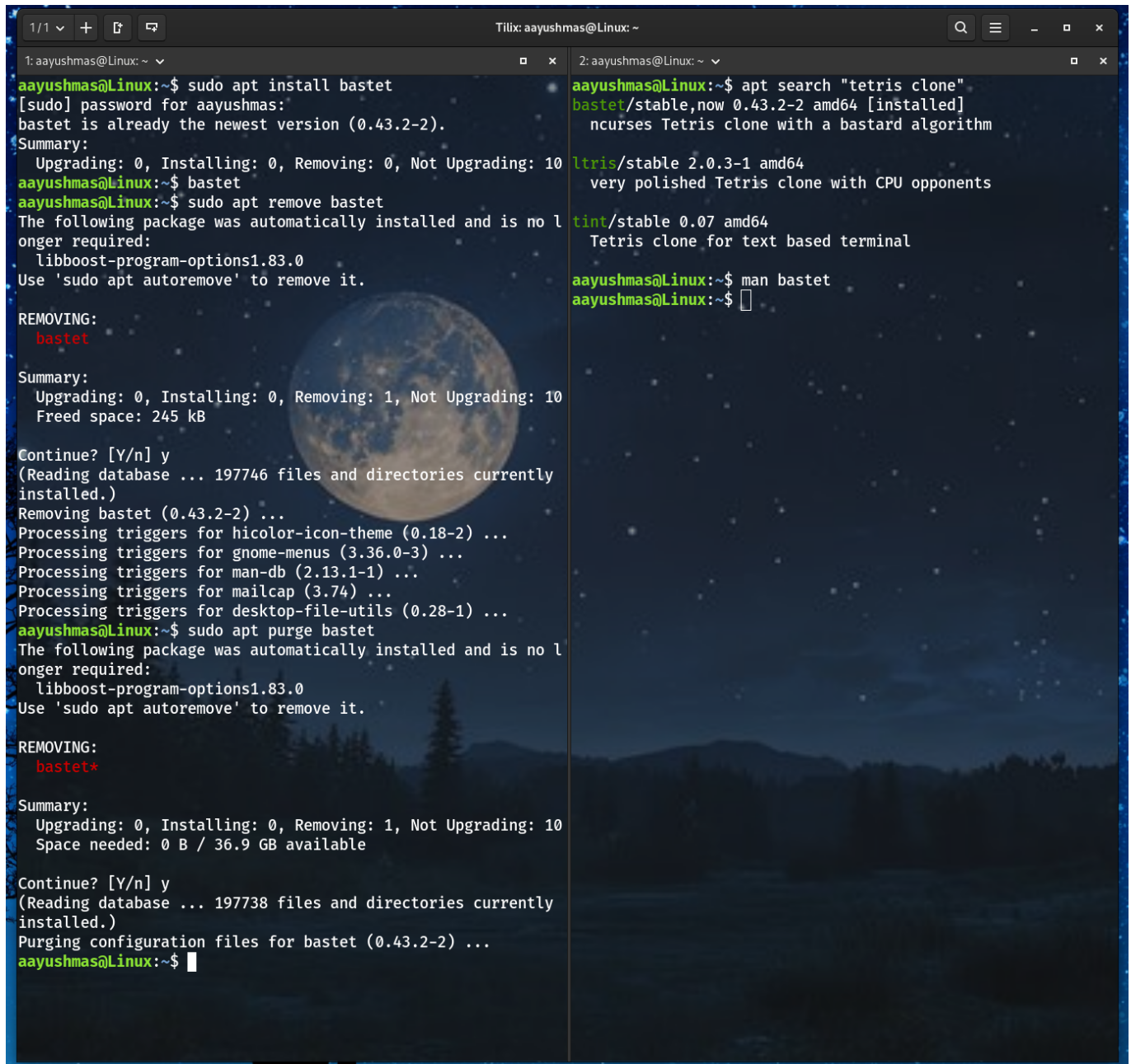


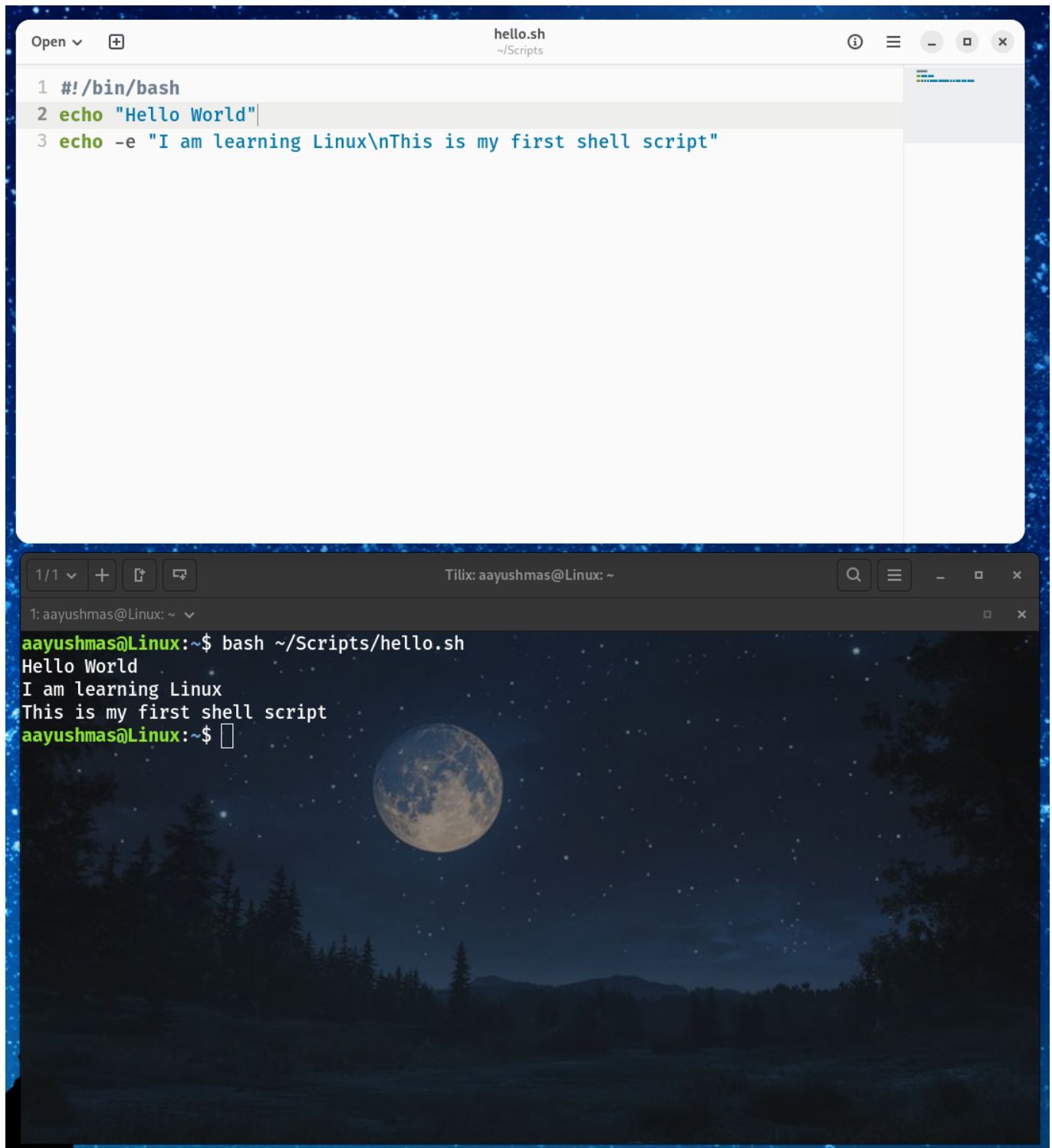
# Week Report 4

## Practice 1: Managing Software

The image shows a terminal window with two panes. The left pane shows the process of installing and then removing the 'bastet' package. The right pane shows a search for 'tetris clone' packages and the manual page for 'bastet'.

```
1/1 v + [ ] [ ] Tilix: aayushmas@Linux: ~  
1: aayushmas@Linux: ~  
aayushmas@Linux:~$ sudo apt install bastet  
[sudo] password for aayushmas:  
bastet is already the newest version (0.43.2-2).  
Summary:  
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 10  
aayushmas@Linux:~$ bastet  
aayushmas@Linux:~$ sudo apt remove 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: 10  
  Freed space: 245 kB  
  
Continue? [Y/n] y  
(Reading database ... 197746 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) ...  
aayushmas@Linux:~$ 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: 10  
  Space needed: 0 B / 36.9 GB available  
  
Continue? [Y/n] y  
(Reading database ... 197738 files and directories currently installed.)  
Purging configuration files for bastet (0.43.2-2) ...  
aayushmas@Linux:~$  
  
2: aayushmas@Linux: ~  
aayushmas@Linux:~$ 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  
  
aayushmas@Linux:~$ man bastet  
aayushmas@Linux:~$
```

## Practice 1: Shell Scripting



The image shows a code editor window titled 'hello.sh' with the following content:

```
1 #!/bin/bash
2 echo "Hello World"
3 echo -e "I am learning Linux\nThis is my first shell script"
```

Below the code editor is a terminal window titled 'Tilix: aayushmas@Linux: ~'. The terminal shows the execution of the script:

```
1: aayushmas@Linux: ~
aayushmas@Linux:~$ bash ~/Scripts/hello.sh
Hello World
I am learning Linux
This is my first shell script
aayushmas@Linux:~$
```

The terminal background features a night landscape with a full moon and stars.

## Links

- [Note4](#)
- [Lab4](#)