

LINUX COMMANDS



Feel free

Description of some Linux commands — Part VII OS Laboratory — Exercise 7



alias

bash history

bashrc

similar commands

bash scripts

Backup

Date format

alias

Aliases are like custom shortcuts used to represent a command (or set of commands) executed with or without custom options.

Structure:

alias [-p] [NAME[=VALUE] ...]

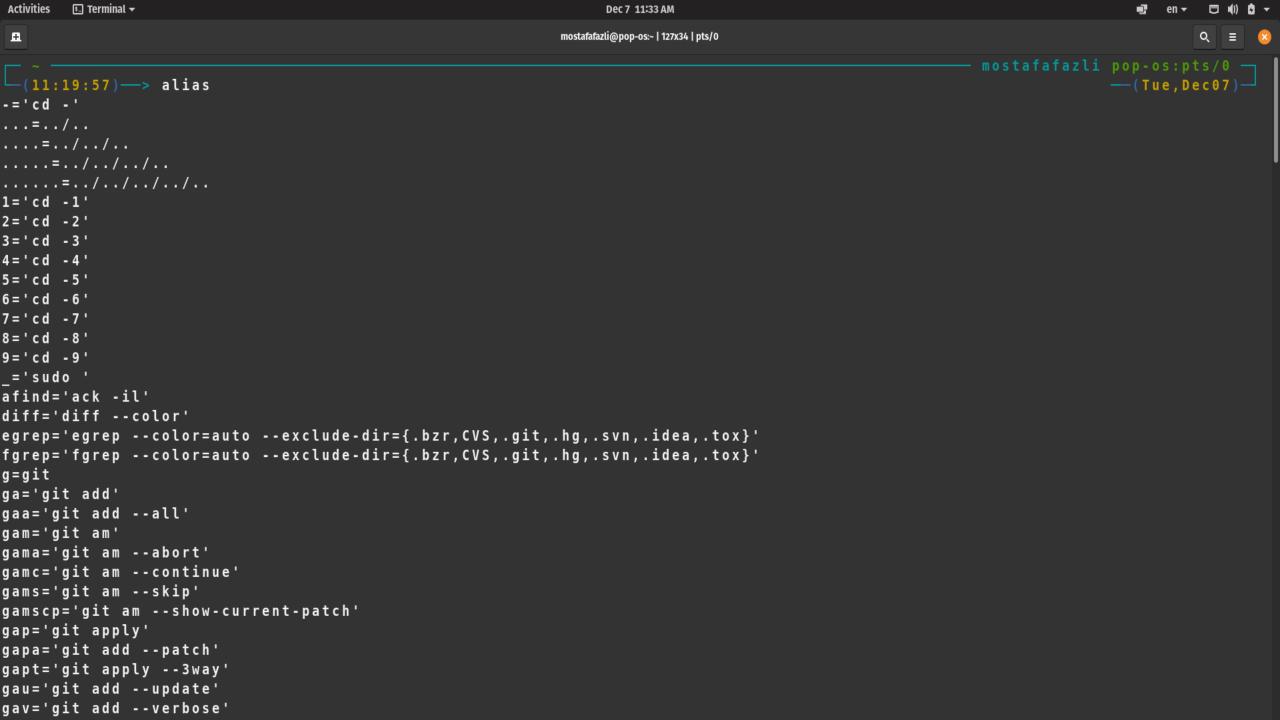
Define a alias:

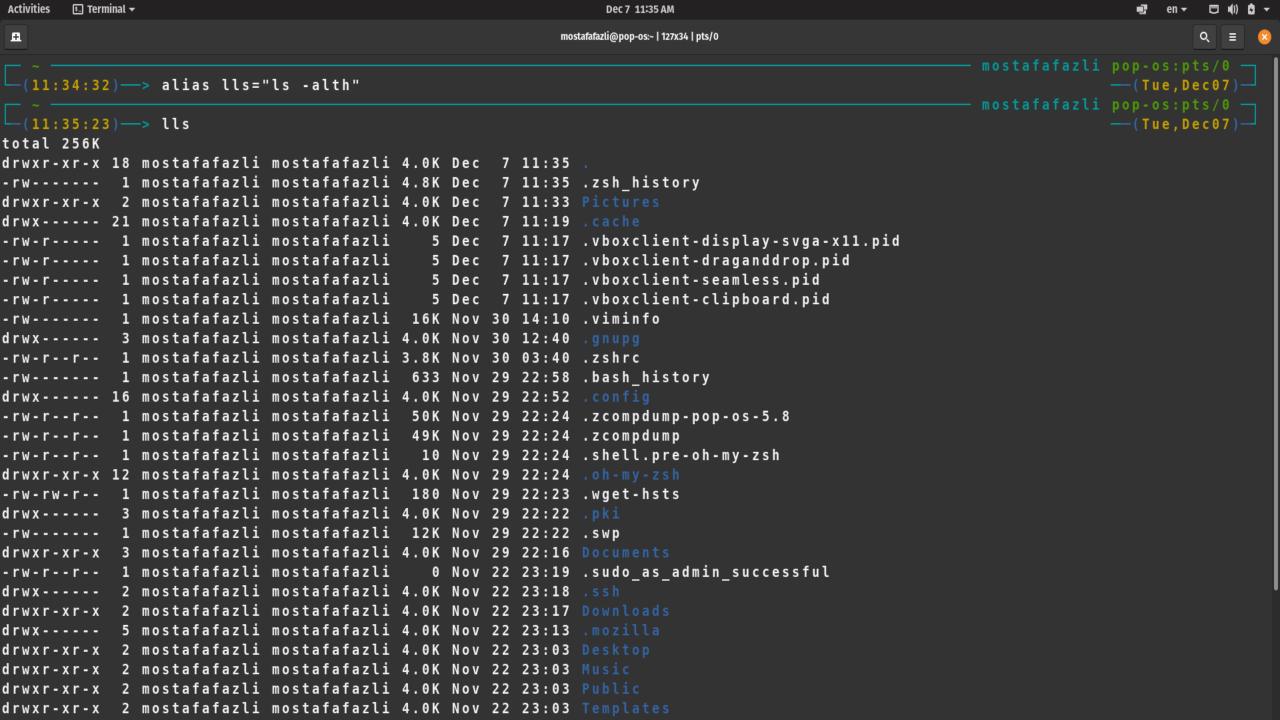
alias lsl=' ls -ath'

Two command in a alias:

alias lsl='clear; ls -alth'

*This commands destroy when you log out.

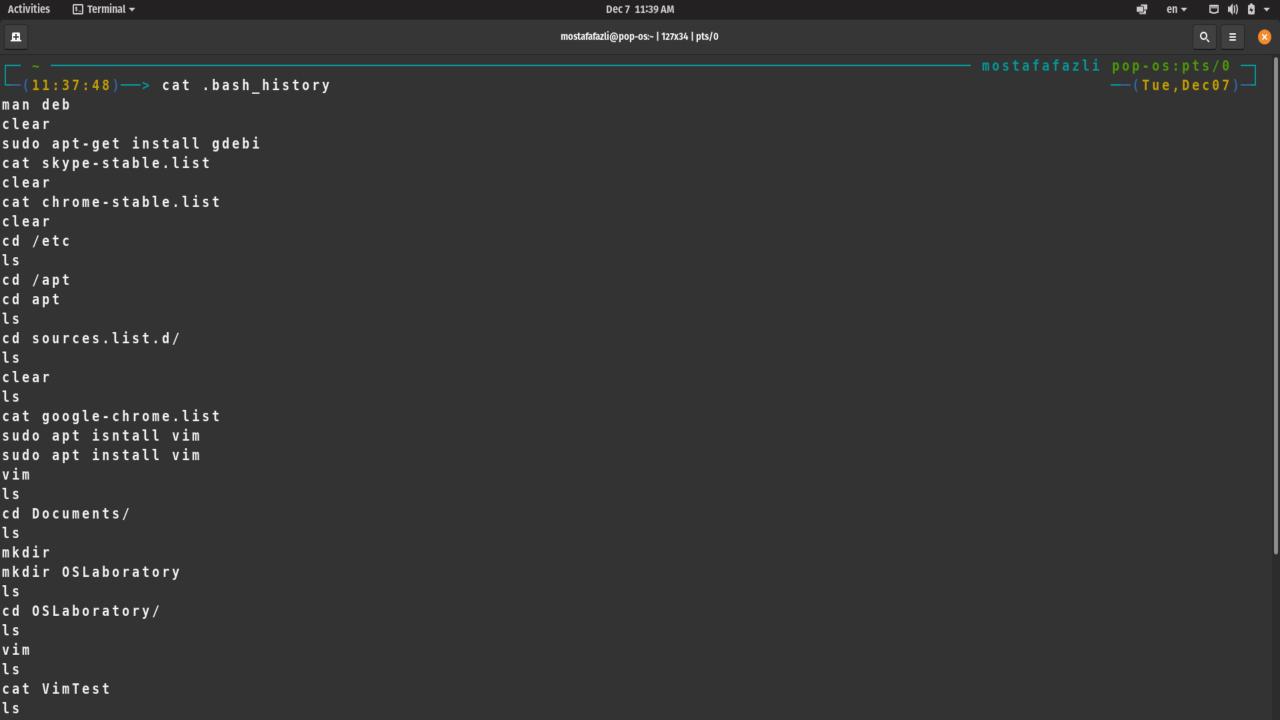




.bash_history

If you want to see history of bash commands you can use .bash_history to see them.

You can see this file with cat.

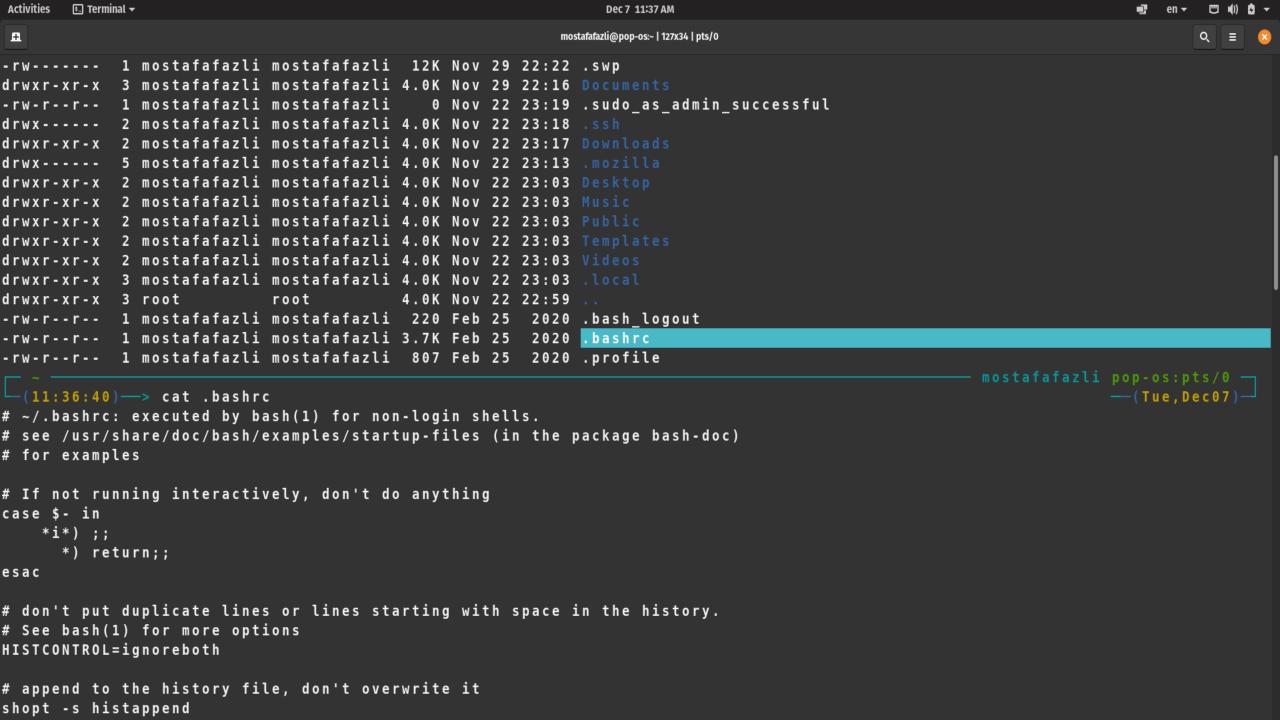


.bashrc

.bashrc is a Bash shell script that Bash runs whenever it is started interactively. It initializes an interactive shell session. You can put any command in that file that you could type at the command prompt.

In bashrc have some functions that run.

You can see or edit bashrc with vim, nano or cat.

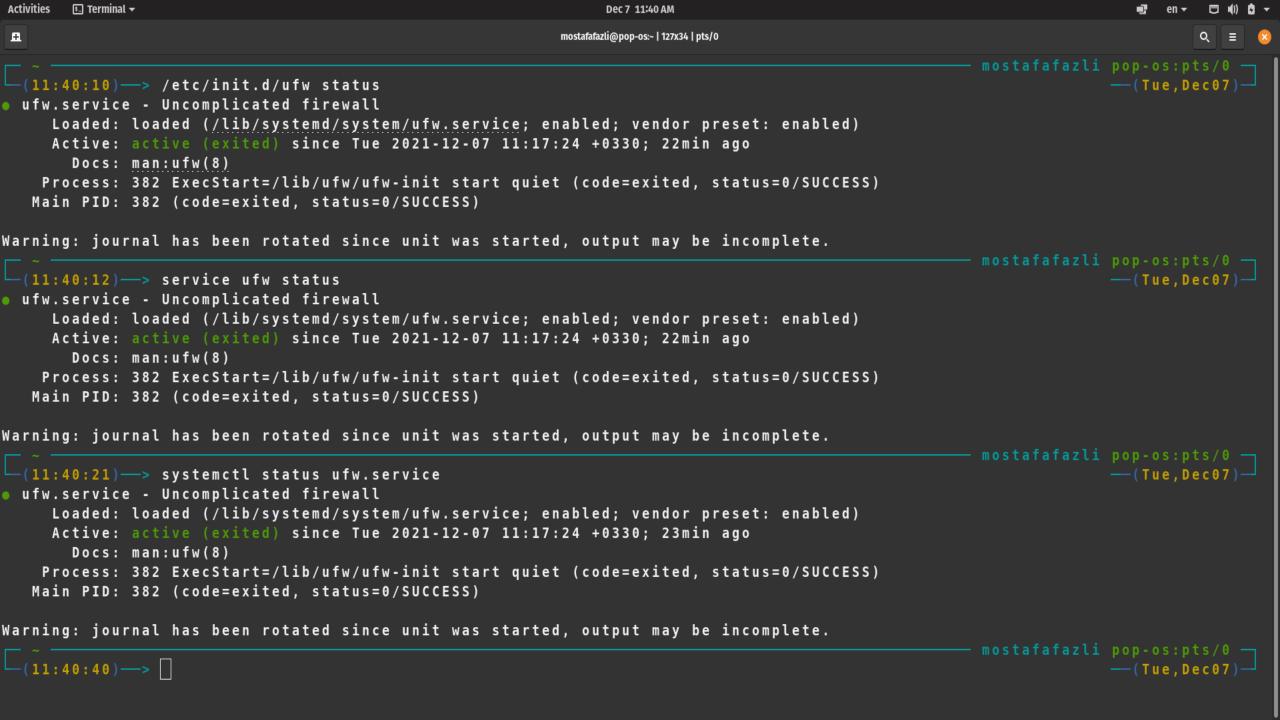


similar commands

You can see ufw status with three ways:

- 1. /etc/init.d/ufw status => older
- 2. Service ufw status =>old
- 3. Systemctl status ufw.service => newer and usually use this

All of three commands are same,



bash scripts

Suffix of Bash scripts is .sh,

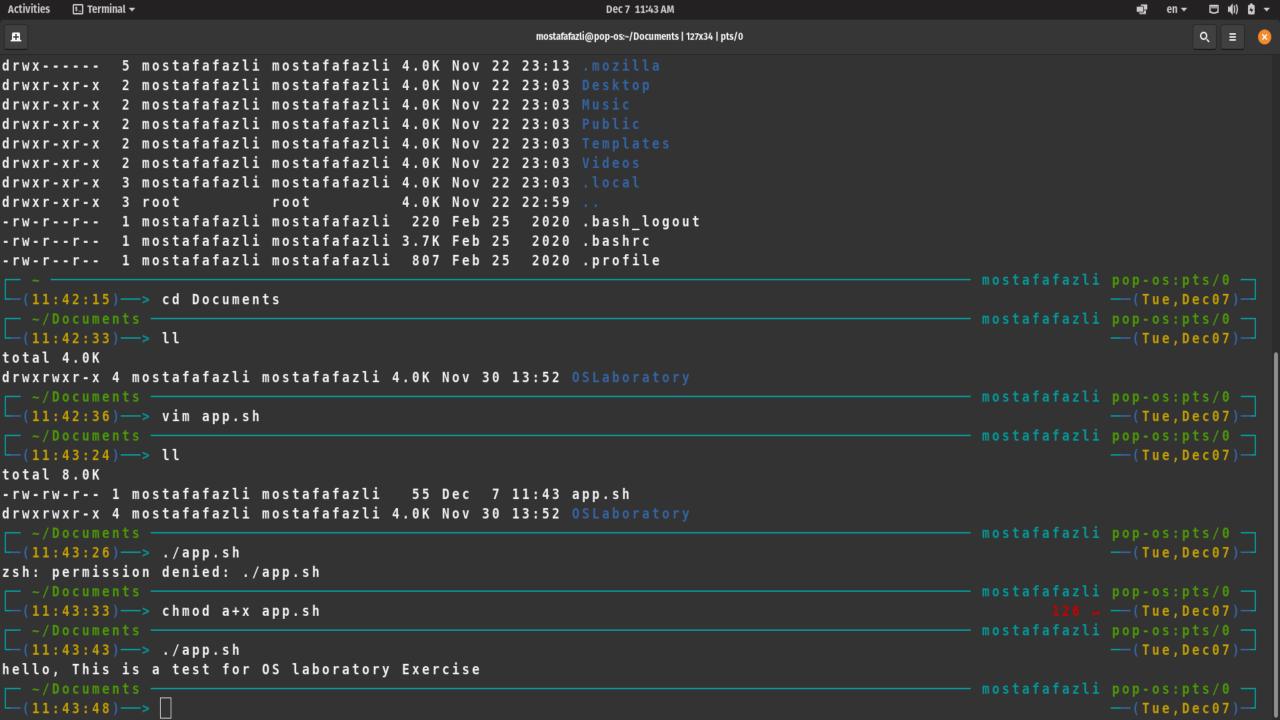
We can use this bash scripts for programming with bash,

For example you can create bash file and open and edit that with nano or vim, echo Hello bash !!! Ans save it,

After that when you get executable permission and run it, it shows you Hello Bash !!!.

Besides that, you can open file with "sh -x bashname.sh" for debug and review the code of script.

In bash scripts, you should pay attention to distance of word, spaces and tabs, because it sensitive to indents.



backup

You can make backup with tar file.

You can backup a directory to another directory,

Date format

You can see date formats with "man date", In this command you can see various of date formats.

For example:

%H for Hour, %M for Minuets and %S for seconds.

%Y for year, %m for months and etc...



