

PIMP MY TERMINAL



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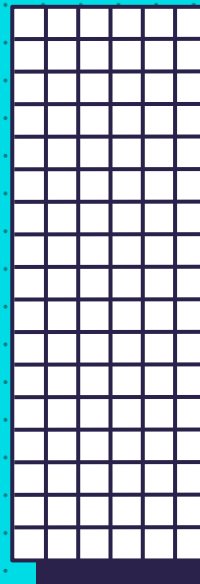
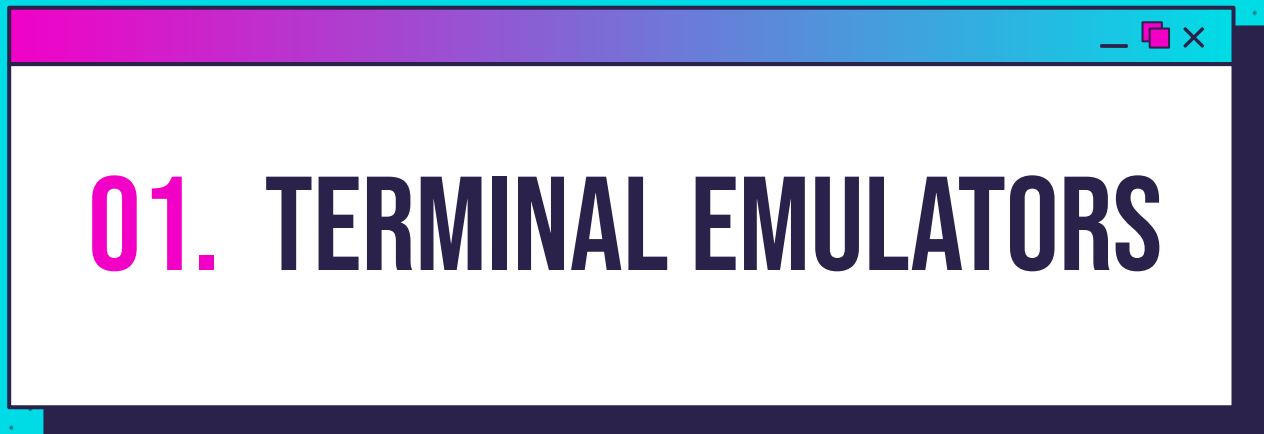
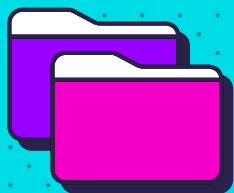
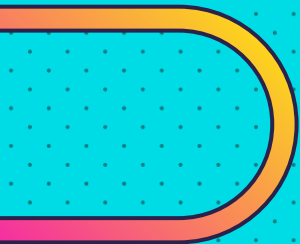
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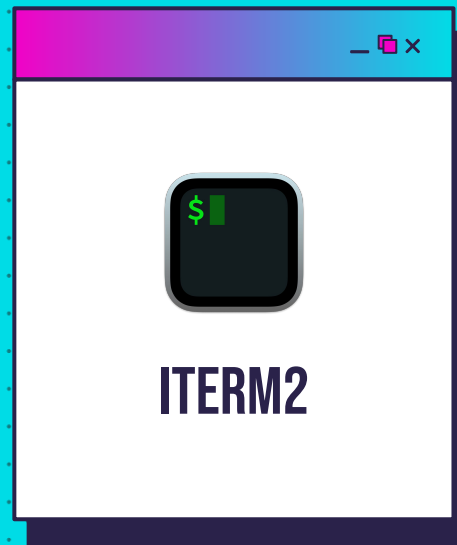


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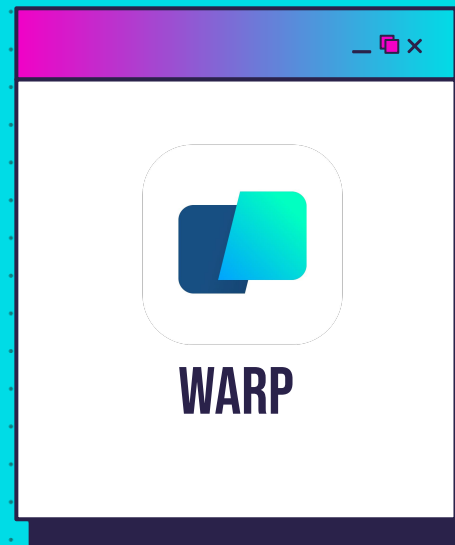
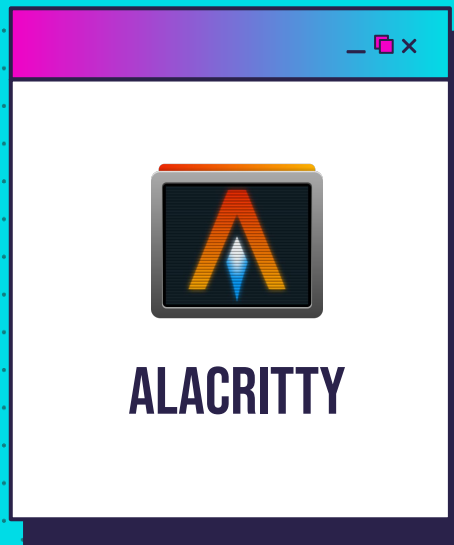
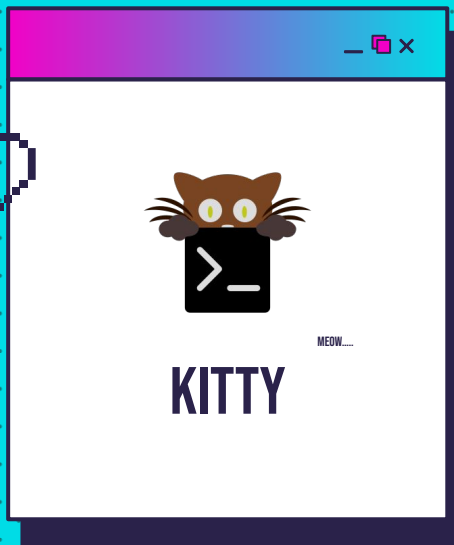


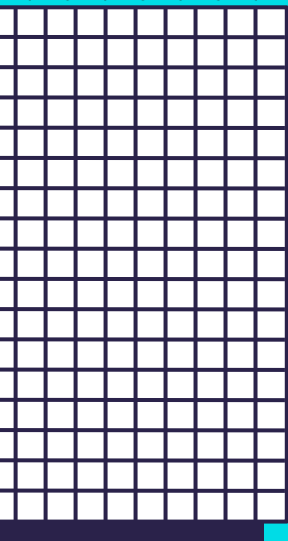
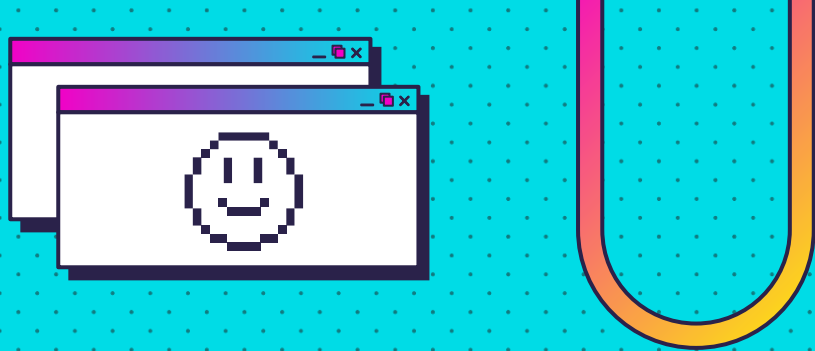


PROGRAM THAT EMULATES A VIDEO TERMINAL



PROGRAM THAT EMULATES A VIDEO TERMINAL





02.

SHELLS!

Wait, Shells and terminals
are different?



SHELLS: YOUR COMMAND LINE INTERPRETER (CLI)



BASH

Most widely used shell scripting language. You've probably heard of it or are using it right now!



ZSH

A superset of bash! More features and customization. The default for MAC users.



FISH

Fish, as in "Friendly Interactive Shell". Designed to be more user-friendly out of the box.



POWERSHELL

Originally built for windows, but now cross-platform. An object-oriented one in that...Great for sysadmins.





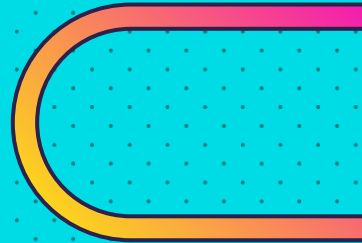
03. BASIC COMMANDS



BASIC COMMANDS: NAVIGATION

NAVIGATING YOUR FILESYSTEM!

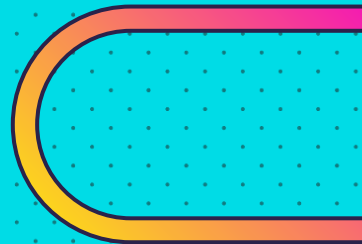
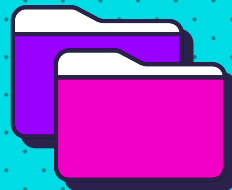
- **ls** – List files in the current directory.
 - Examples: `ls -l` for detailed view, `ls -a` to show hidden files.
- **cd** – Change directory.
 - Examples: `cd project-folder` or `cd ..` to go up a directory.
- **pwd** – Print the working directory to confirm your location



BASIC COMMANDS: FILE MANAGEMENT!

CREATE, DELETE FILES AND FOLDERS

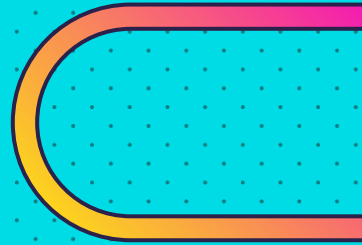
- **touch file_name.txt** – Create an empty file, great for setting up projects quickly.
- **mkdir new-folder** – Create a new directory.
 - Examples: `mkdir my_project`
- **rm file.txt** – Remove a file (be careful!).
 - Example: `'rm -i file.txt'` for a safer, interactive delete.
 - `rm -r` to recursively delete a folder and all contents!
- **rmdir folder** – Remove only empty directory.

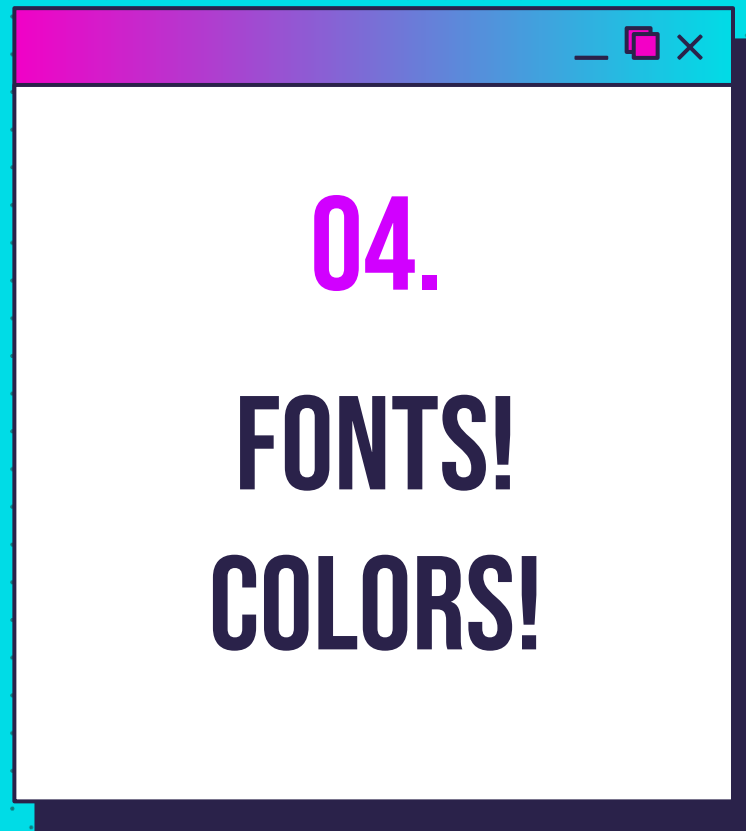
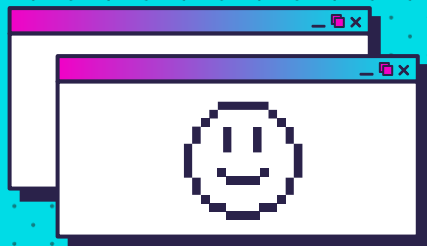
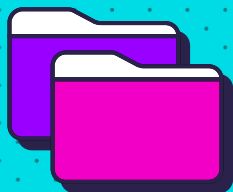
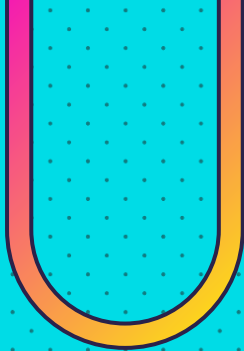
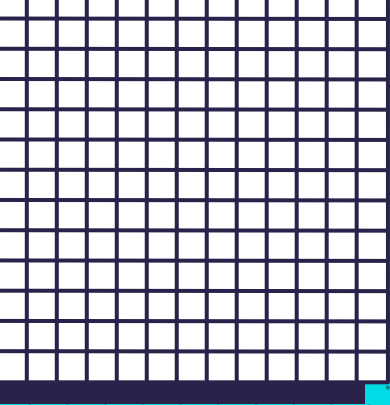


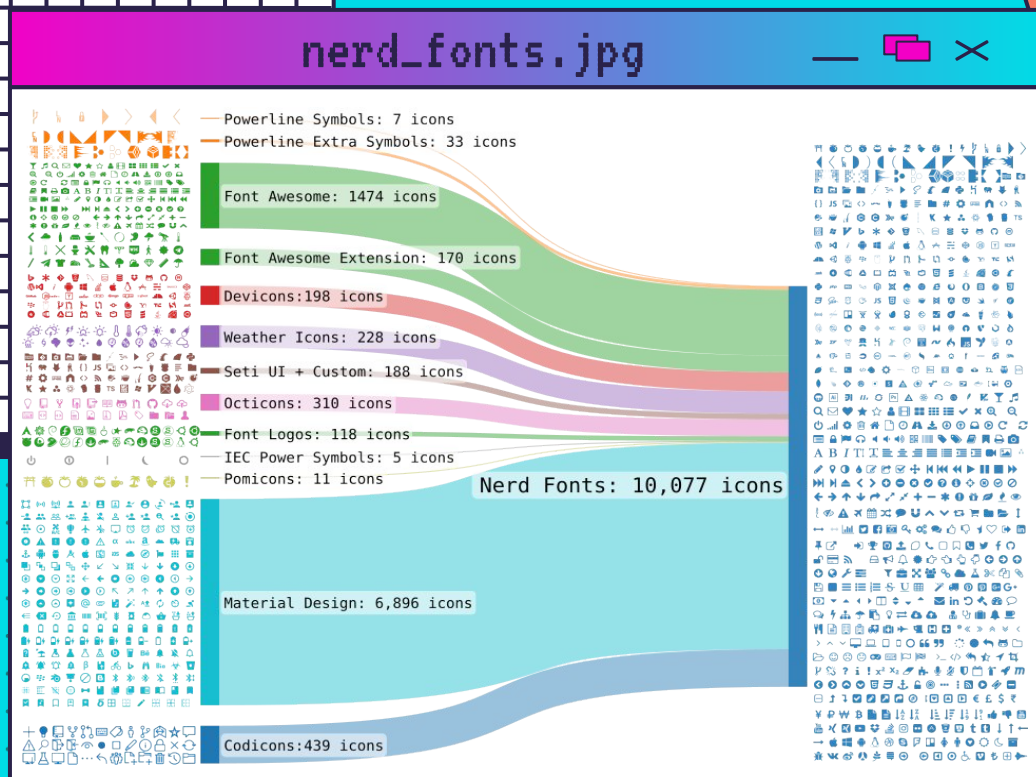
BASIC COMMANDS: FILE MANIPULATION

MOVE AND COPY FILES

- **cp** – Copy files or directories.
 - Examples: `cp file1.txt file2.txt` to copy a file, `cp -r folder1 folder2` for directories.
- **mv** – Move or rename files.
 - Examples: `mv old_name.txt new_name.txt` to rename, or `mv file.txt /path/to/new/directory` to move.



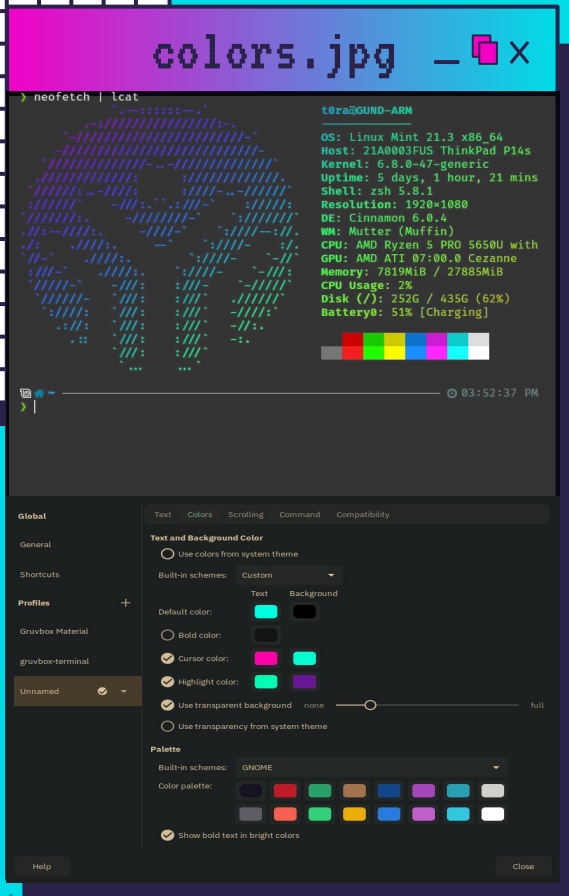




WHAT ARE NERD FONTS?



Nerd Fonts are fonts with extra symbols/icons that enhance your terminal, especially for visual tools like **Powerlevel10k** or **Oh-My-Zsh**.



Most terminals today support base **16 colors**
(which is all you need really)

But now even more colors like **256!**

Some commands even support colors, it's great
to have.

Below are some **links** for easy terminal color
customization.

<https://gogh-co.github.io/Gogh/> - **Gogh**

<https://terminal.sexy/> - **Terminal.sexy**





05. ALIASES, CUSTOM-PROMPTS

ALIAS: COMMAND SHORTCUTS!

```
13 PATH=~/.bin:$PATH
12
11 #Alias
10 alias vim='nvim'
9
8 alias venv='source .venv/bin/activate'
7 alias lcat='lolcat'
6 alias lockit='cinnamon-screensaver-command --lock'
5 alias repos=~/.Documents/GithubRepos'
4 alias py='python'
3
2
1 # Github Alias
132 alias gits='git status'
1 alias gpu='git pull'
2 alias gps='git push'
3 alias gcm='git commit -m'
4 alias gad='git add'
5 alias gcl='git clone'
6 alias gfe='git fetch'
7 alias gmr='git merge'
8
9 alias conde='conda deactivate'
10 alias empinstall='cd client && npm i && cd .. && cd
NORMAL .zshrc gj 42 66% 132:1 16:11
```



Aliases are **shortcuts** you create to save time by shortening long or commonly used commands into quick, memorable words.

They're perfect for **commands** **you use all the time** but don't want to type out in full.

Aliases are kind of like how typing “omw” on your iPhone auto expands to “On my way!” - Dom 2023

CUSTOM PROMPTS

```
vim .zshrc
19 # DCMAG'S ~/.ZSHRC
20 # -----
21 # GIT BRANCH
22 # -----
23 autoload -Uz vcs_info
24 zstyle 'vcs_info*' enable git svn
25 zstyle 'vcs_info:git*' formats '%s(%b) %n%u%k'
26
27 precmd() {
28   vcs_info
29 }
30
31 setopt prompt_subst
32
33 # -----
34 # PROMPT
35 # -----
36 # PS1+`%B%k%b%macOS %B~%b`'\n'> $ '
37
38 PROMPT='%B%F{red}%k%b%macOS %B%F{yellow}%~ %F{green}%F{vcs_info_msg_0_}%k%b'
39
40 # -----
41 # ALIASES
42 # -----
43 alias upgrade='brew upgrade'
44 alias update='brew update'
45 alias install='brew install'
46
47 NORMAL .zshrc
unix | utf-8 | zsh 33% 20:0
```

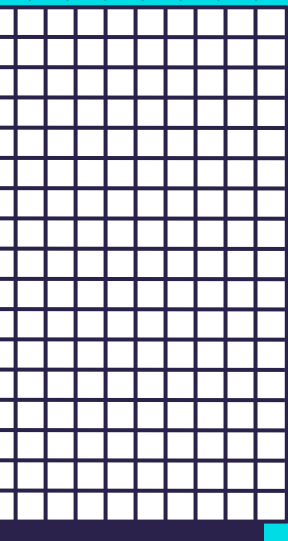
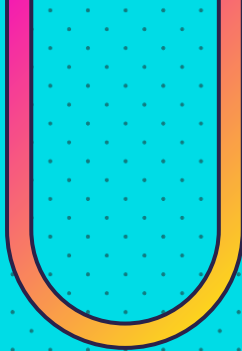


Custom prompts let you tailor the appearance of your terminal prompt itself, so you can control what information is displayed.

They can be set up to appear when you use certain commands, or trigger based on specific keywords.

Note: It can get **complex**! But it's powerful.

```
Rainbow Style
~/src master 5s
took 5s at 16:23:42
```



— □ ×

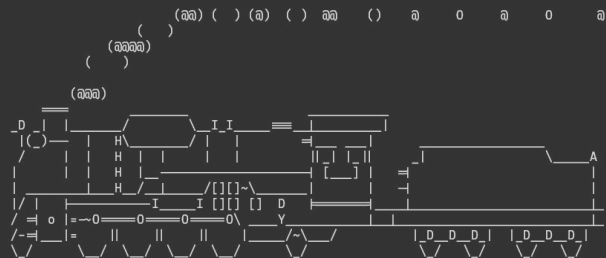
06.

COOL CLI TOOLS

MAX AURA BABYYYY



sl.jpg

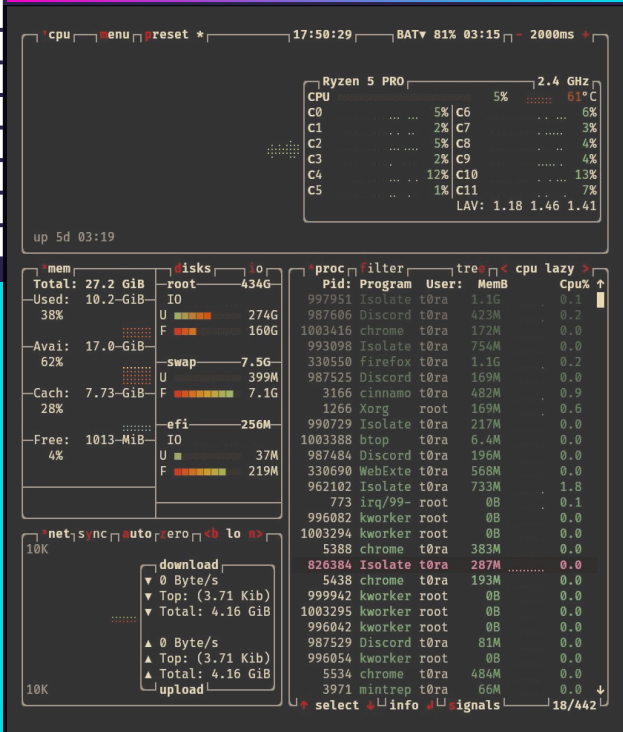


exa.jpg

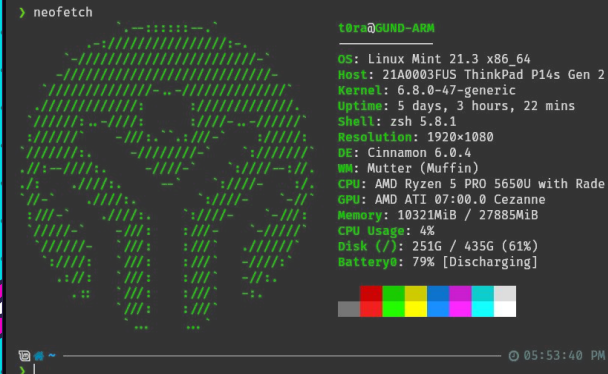
```
> exa --long
drwxr-xr-x - t0ra  7 Oct 17:22 Academic
drwxr-xr-x - t0ra 24 Sep 19:37 hw2_isa
drwxr-xr-x - t0ra 17 Oct 22:39 Learning
-rw-r--r-- 2.5M t0ra 16 Oct 18:56 Liu, Daian.pdf
drwxr-xr-x - t0ra 22 Aug 19:31 Personal
drwxr-xr-x - t0ra 21 Oct 16:25 Projects
drwxr-xr-x - t0ra 28 May 18:52 test
📁 ~/Documents/GithubRepos 05:58:20 PM
> |
```



bttop.jpg



neofetch.jpg





07.

OTHER CUSTOMIZATIONS

OH MY ZSH & POWERLEVEL10K

```
ohmyz.sh demo

-> projects omz theme use arrow
projects > take omz-demo && git init
Initialized empty Git repository in /Users/robbyrussell/projects/omz-demo/.git/
omz-demo > echo "TODO: This is my new README" > README.md
omz-demo > git add README.md
omz-demo > git commit -m "Adding a README to new repo" --quiet
omz-demo > echo "Wow, Oh My Zsh looks neat" >> README.md
omz-demo > git add -p
diff --git a/README.md b/README.md
index fc97e80..b0939f1 100644
--- a/README.md
+++ b/README.md
@@ -1,2 @@
+TODO: This is my new README
+Wow, Oh My Zsh looks neat
(1/1) Stage this hunk [y,n,q,a,d,e,f]? y
omz-demo > git commit -m "Updating README in the repo" --quiet
omz-demo > git checkout -b feature/openai-integration
Switched to a new branch 'feature/openai-integration'
omz-demo > git checkout main
Switched to branch 'main'
omz-demo >
projects >
```

```
Lean Style
~/src master > | 5s

q ~ ~/src on P master took 5s at 16:23:42
> |

Classic Style
~/src > master | 5s

q ~ ~/src on P master .... took 5s at 16:23:42
> |

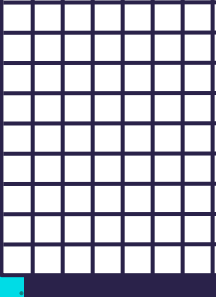
Rainbow Style
~/src master | 5s

q ~ ~/src on P master took 5s at 16:23:42
> |
```

Oh My Zsh a popular framework that adds tons of features and plugins to your Zsh shell, making it faster, more powerful, and easier to customize.

Powerlevel10k - is a super customizable theme for Zsh that works perfectly with Oh My Zsh to display tons of useful information in a stylish, color-coded way.





FINISHED!

You can stay for a more detailed guide on customization!

