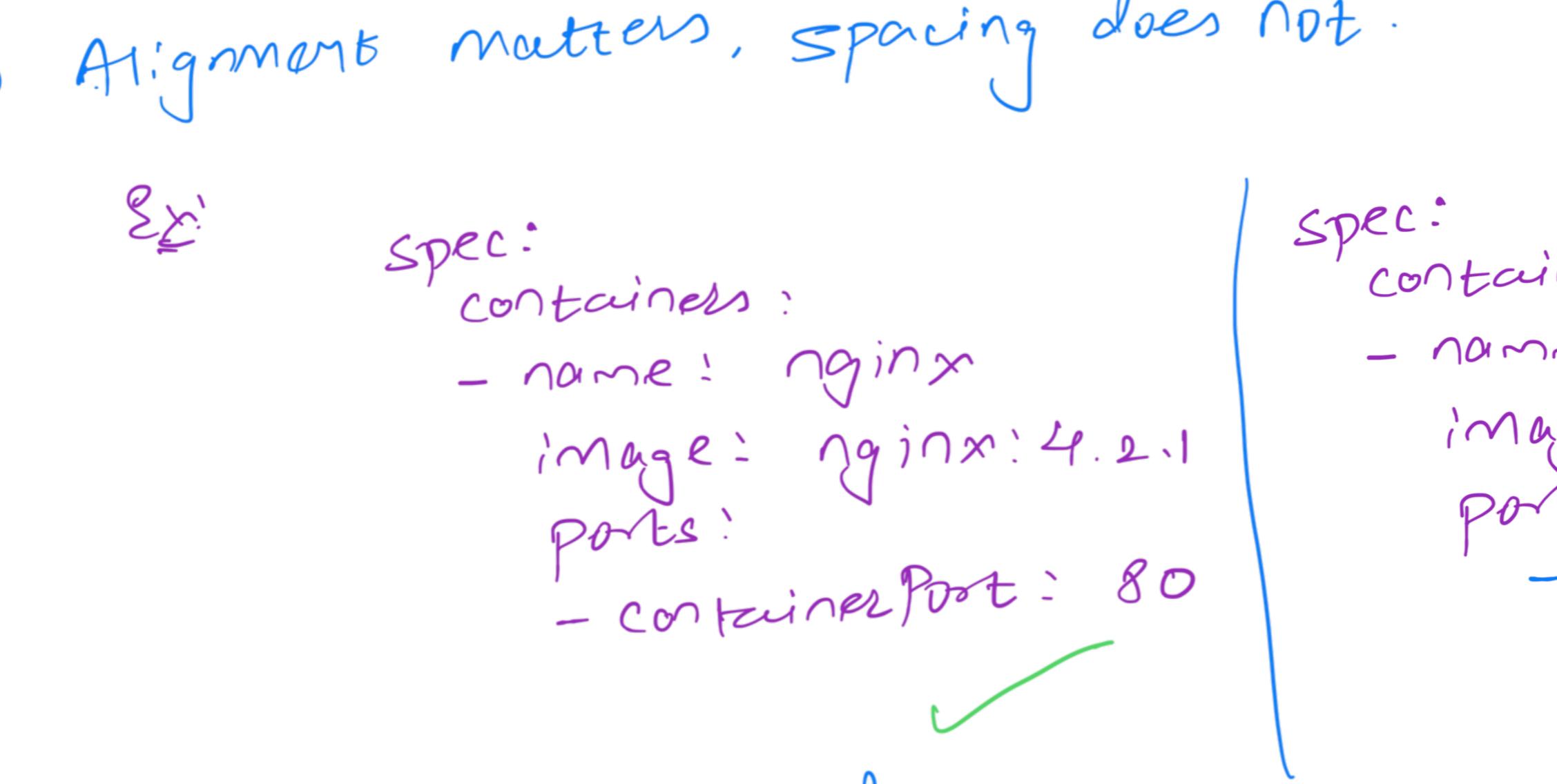


Ask CHATGPT FROM
TIME TO TIME

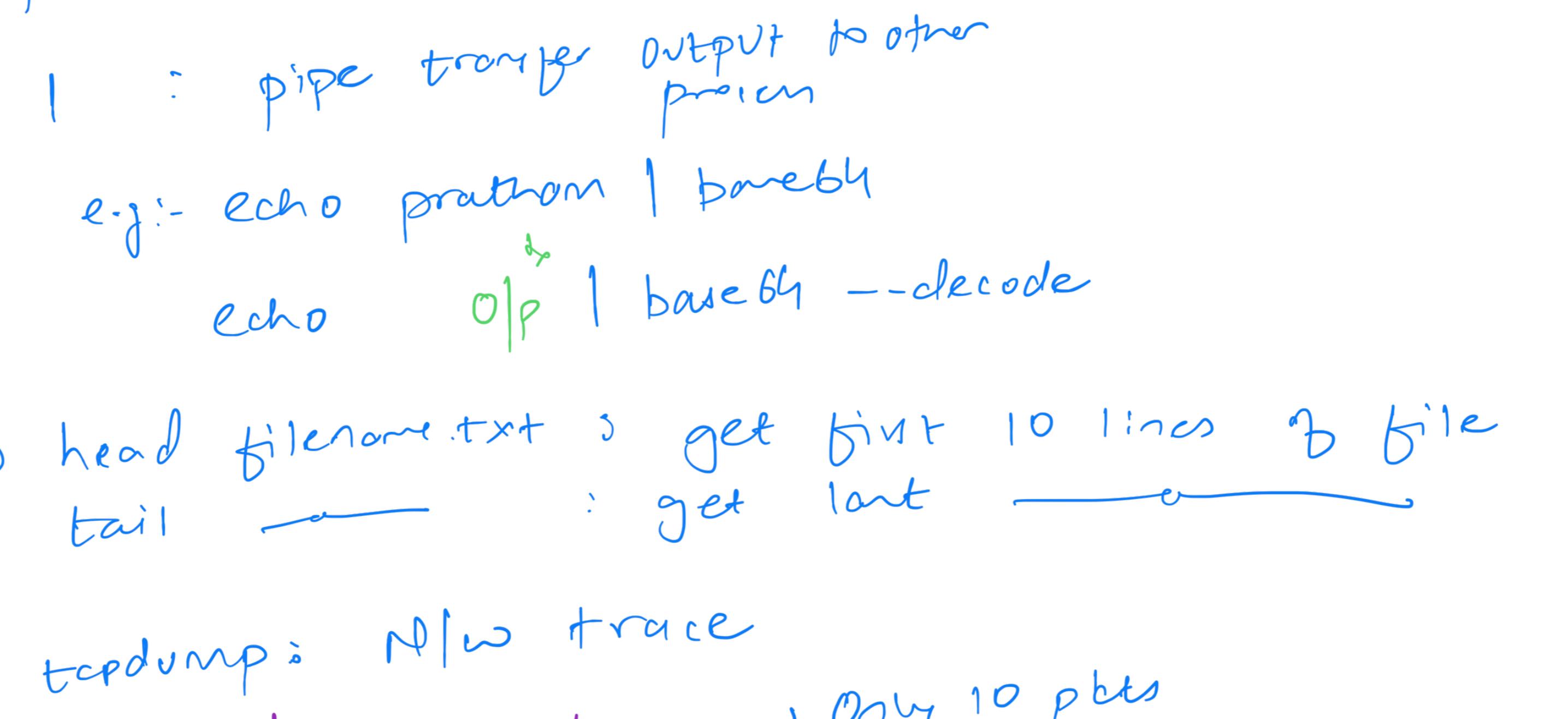
YAML

- ↳ Is case sensitive
- ↳ Is serializable \Rightarrow Can be parsed & stored into DS \downarrow Also human readable
- ↳ Contains:
 - Alphanumeric
 - colon (:) \downarrow
 - space ()
 - hyphen (-)
 - dot (.)
- ↳ Kube manifest uses CamelCase mostly
- ↳ YAML is not a programming language, it's just a lang to declare stuff.
- ↳ Use " " only when adding special chars, else not needed anywhere
- ↳ YAML is key-value store
 $\dots \equiv \text{JSON}$



↳ DO NOT USE TABS

- ↳ (-) hyphen below key denotes a list
- ↳ Alignment matters, spacing does not.



- ↳ (---) Three hyphens denote separate YAML with same file.

Linux Commands: <https://killercoda.com/playgrounds/scenario/ubuntu>

- 1) ls
- 2) ls -a : hidden files
- 3) ls -ll : long list
- 4) touch filename.ext
- 5) ps aux : list running process
- 6) pstree : hierarchy view
- 7) | : pipe transfer output to other e.g.: echo prathom | base64 echo oP | base64 --decode
- 8) head filename.txt : get first 10 lines of file tail ----- : get last -----
- 9) tcpdump: Network trace
tcpdump -c 10 \rightarrow Only 10 pbs
- 10) > : stream/write
>> : append

⑪ critical: Command used to directly talk to pods.
e.g.: critical pods \rightarrow list all pods
critical ps -a
critical logs <imageId>

critical \Rightarrow used for all container instances
ctr \Rightarrow used only for container d.

⑫ systemd \rightarrow All processes are spawned thru it.

↳ Broadcast bei Pow!

/etc/systemd
↳ has file named journal.d.conf

↳ daemon

chalte reiter hui

⑬ journalctl

- ↳ journalctl
- ↳ journalctl --no-pager
- ↳ journalctl --since yesterday
- ↳ ----- -o json-pretty

Some Comp Resources:

① <https://endoflife.date/kubernetes>

Kubernetes release cycle \Rightarrow 4 months

- Feature Discussion (per SIG):
- Feature Freeze:

ongoing week ~4

- Release Branch Creation:
- Code Slush / Freeze:

week ~11

- ... bugs, testing, bugs, fixing, bugs, ... iterating

week ~12

- End Code Freeze:
- Release:

week ~15

week ~16

Feature Definition

Feature Work

Bug Fixing

Release

Kubernetes Re...

kubernetes.io

