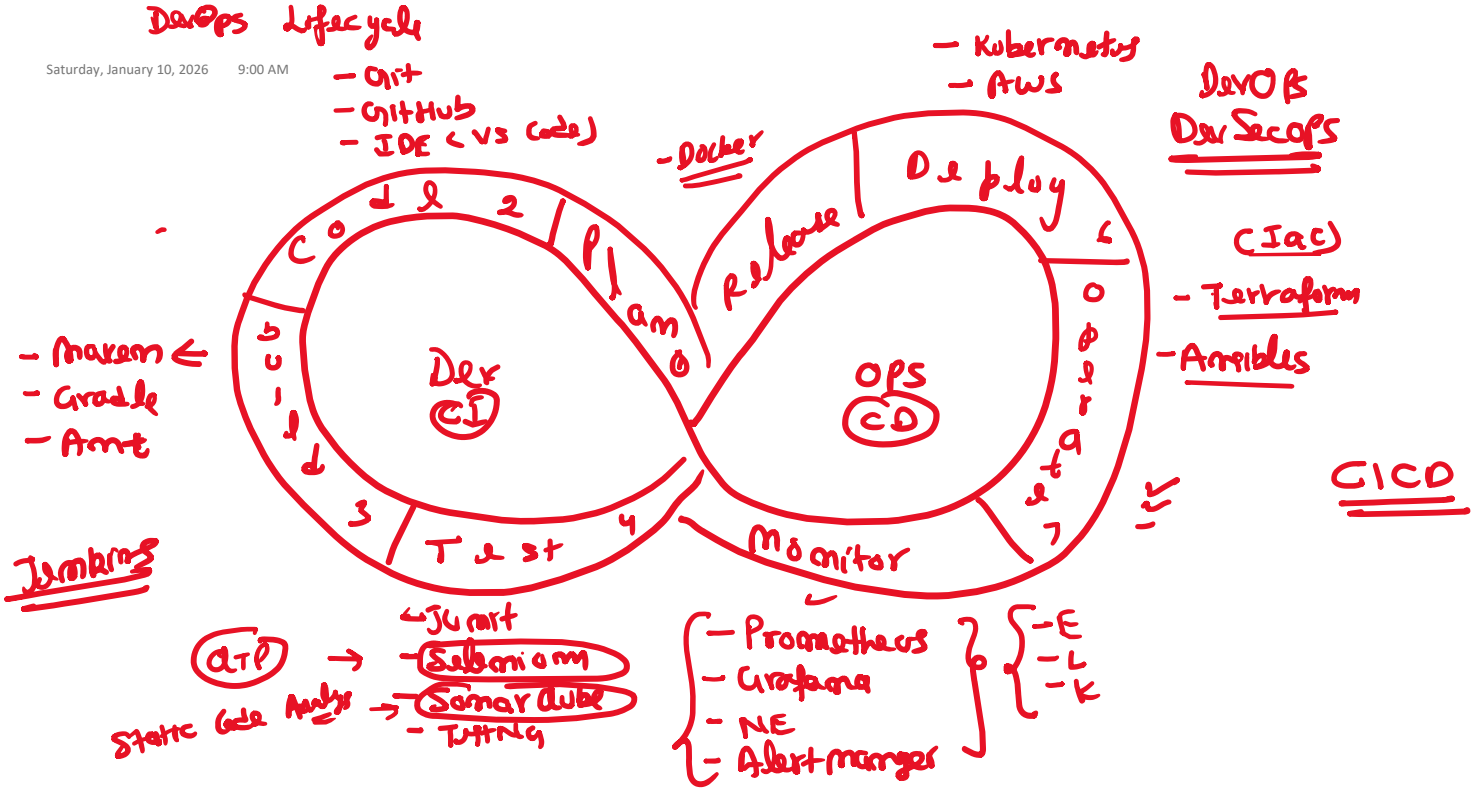
DevOps Lifecycle

Saturday, January 10, 2026 9:00 AM



1. Git
2. GitHub
3. Maven
4. Jenkins
5. Docker
6. Kubernetes
7. Terraform
8. Ansible
9. Prometheus
10. Grafana

Account

1. GitHub Account
2. Docker Hub
3. AWS Free-Tier Account

→ 1. Linux Understanding

VCS + CICD + Jenkins

- Git — 4 days
- GitHub
- Maven + Jenkins — 5 days

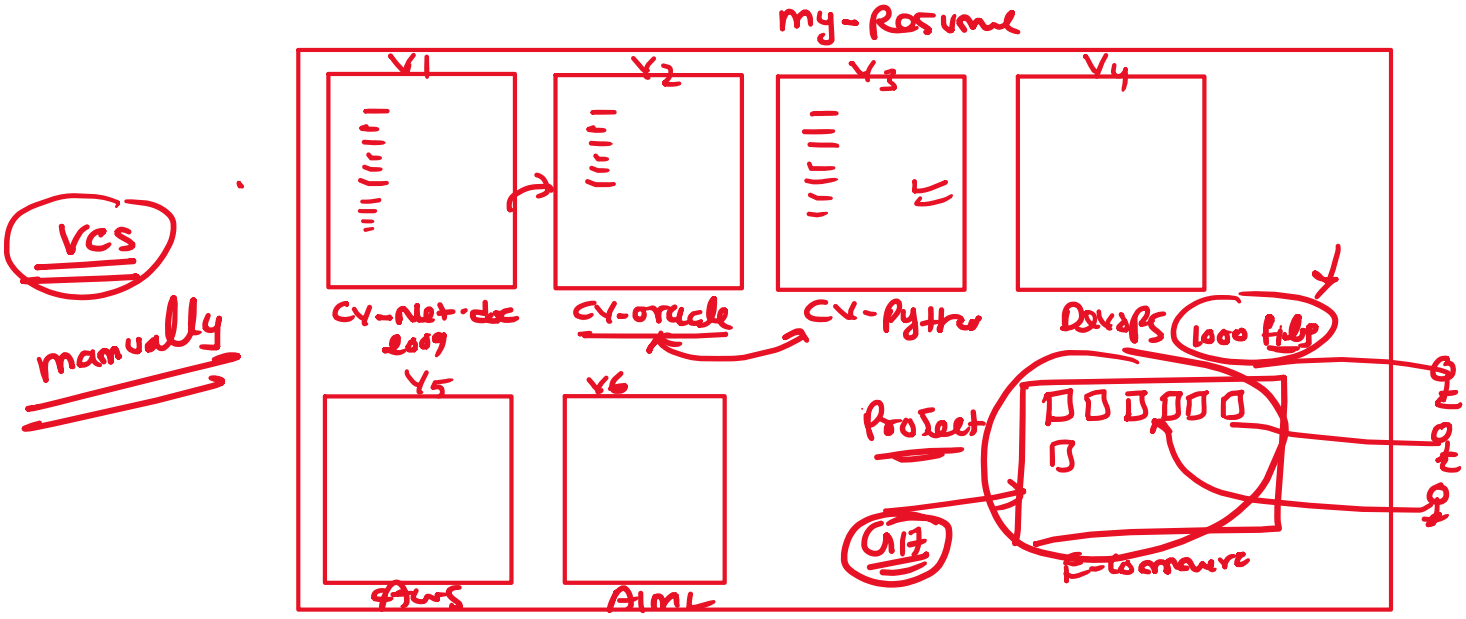
Project — 1 Day

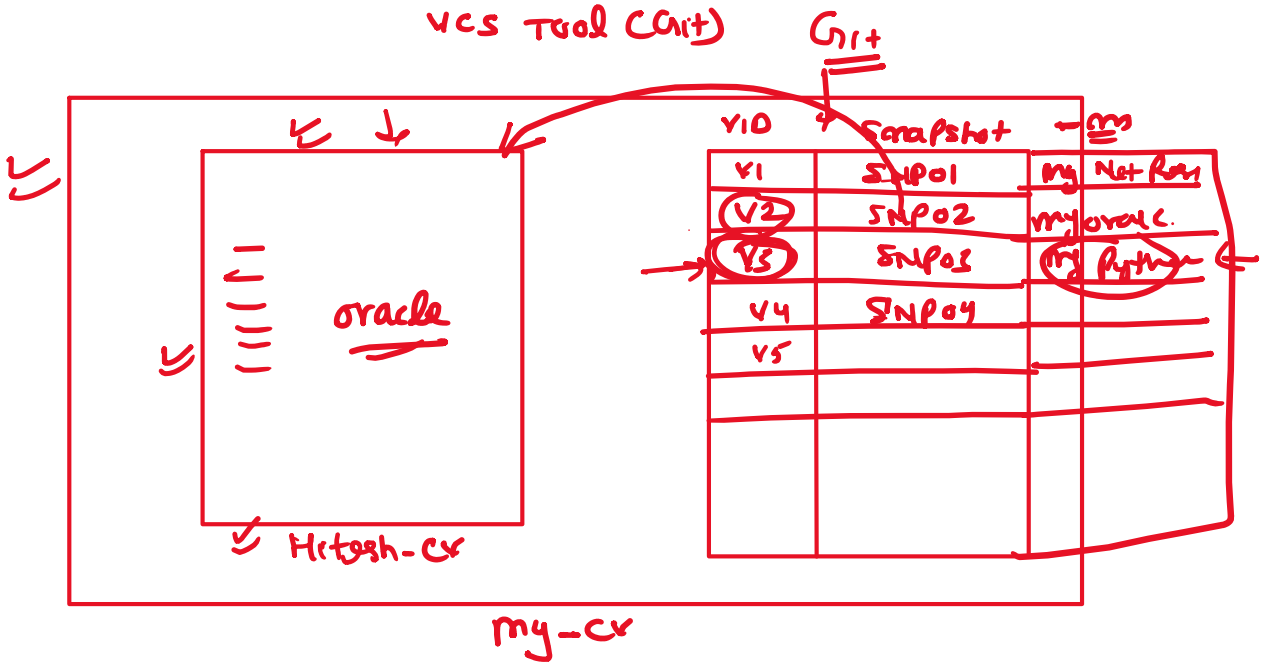
Git GitHub

4 days 4 days 1 Day

GitHub

VCS (Version Control system) (History of Project)



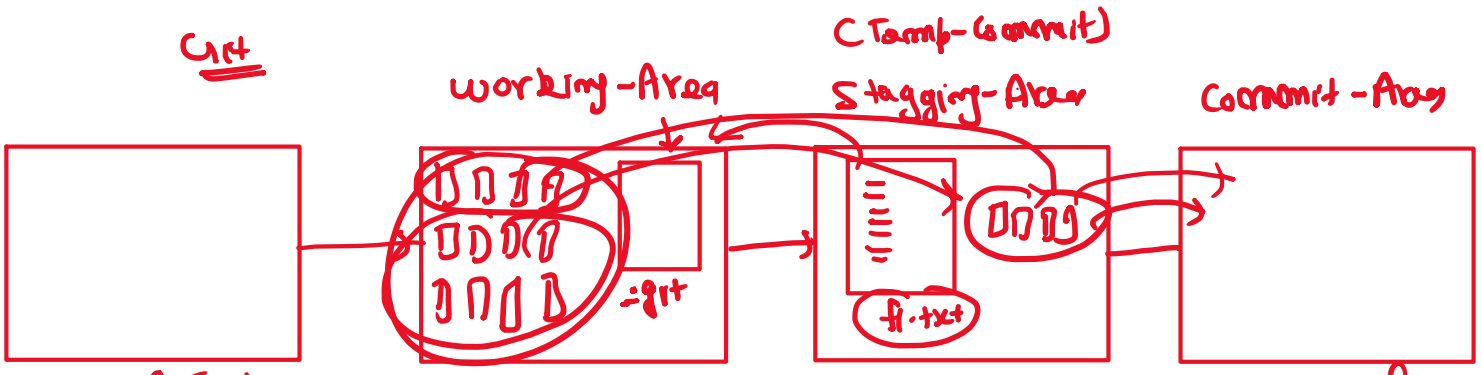


VCS { SCM → Git/GitHub
ARM → Nexus (Four Areas)

90% Hands-on

(Four Areas)

Git



my-Project

git
init

RED

Local
Repository

git add
fi.txt

GREEN

git commit
-m "My calc (code file)"

git add '

git add ~~...~~ vol
f{1...10}

git status

No color

- git init
- git status
- git add .
- git commit -m "_____"
- git log

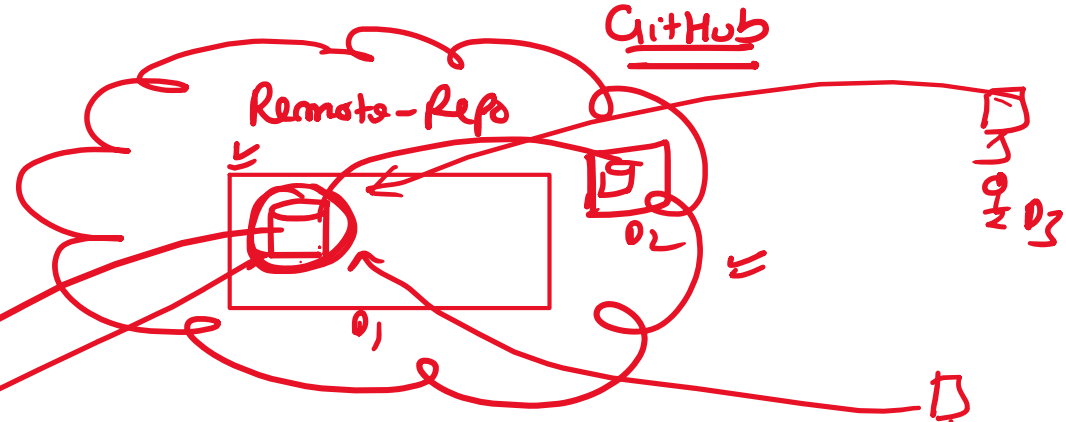
Remote

Copy

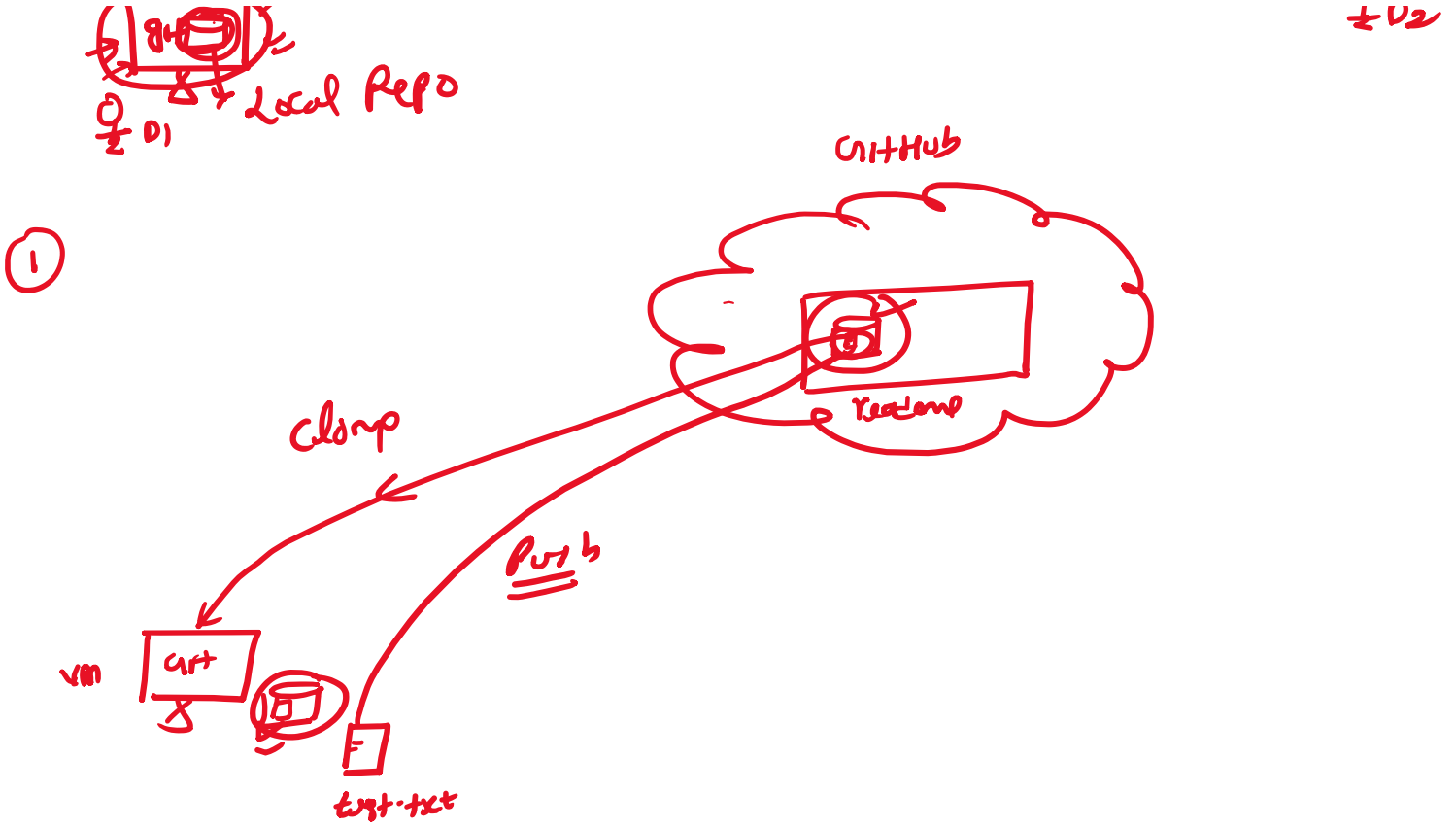
Local → Remote → Push

Remote → Local → clone

Remote → Remote → fork



Local Repo


Local Repo
D1
D2
1
GitHub
readme
clone
Push
vm
Git
test.txt