* Basic Linux commands
  + vim, ls, mkdir, apt install, ps, netstat, ip, ifconfig, du, dh, top, free, awk, xargs, cut, find, chmod, route, ping, telnet
  + How do you measure number of CPUs of any system, Memory, HDD, routing, networking via linux commands
* Networking
  + Types of networks
  + Host-only, Bridged, Private. Differences
  + How are IP addresses assigned?
  + What type of network to be used to reach the outside world?
* Shell scripting
  + Practice shell scripting by accept Inputs from user and run for loop, if-else statements etc.
* Linux namespaces
  + What are namespaces, How do they help in abstraction of linux processes, resources etc.
  + What are containers, how are they evolved?
  + <https://medium.com/@saschagrunert/demystifying-containers-part-i-kernel-space-2c53d6979504>
  + Search and read part-2 as well
* Virtualization, Hypervisors
  + Why is virtualization needed
  + What are hypervisors
  + How is virtualization connected to linux namespaces?
* Virtualbox, installation
  + Install Oracle virtualbox application through command line
* Virtual machines(VM)
  + What are diff between VMs, containers ?
  + High level understanding of AWS, GCP, Azure VMs
* Download Ubuntu iso image and create a VM
  + Create a VM in Virtualbox by downloading an Ubuntu iso image.
  + Assign host-only, bridged ip address to two interfaces of the VM
* Shell script to install go, docker, virtualbox inside the new VM
* Docker, podman
* Kubernetes

—----------------- Parallel Activity ----------------------------

1. Create a **github** account
2. Learn basic git commands
   * git add
   * git commit
   * git push
   * git reset
   * git revert
   * git rebase, etc.
3. Try to capture all the learnings inside the required files and store them in your github account