Day 4

What is GitHub?

Definition : GitHub is a developer platform that allows developers to create, store, manage and share their code. It uses Git software, providing the distributed version control of Git plus access control, bug tracking, software feature requests, task management, continuous integration, and wikis for every project

Simple one line definition : Github is online library where we able to upload , save archive file or project.

Github is not contains 100% trustful content, you fill sometime lets say you find tool related to cybersecurity but you find genuine but it may contains malicious code so use it only after proper verification.

Virtualization that you can use :

1. Virtual Box
2. VMware workstation

Virtual Box Download link:

https://www.virtualbox.org/wiki/Downloads

kali linux Download link :

https://www.kali.org/get-kali/#kali-platforms

Most important thing I want to highlight is kali linux is not that much important but CLI is important or linux command line is important

You can convert ubuntu machine to hacking machine , fedora to hacking machine , etc...

How to download kali linux in virtual machine

First go to this link :

https://github.com/vaishnavucv/cybersecurity-note/tree/main/vm-files

there is one 7-zip file that contains two kali linux virtual machine files one for virtual box and other for VMware workstation

After installation just double click on that file and it will automatically open in respective virtualization app .

But I already downloaded kali linux with other method :
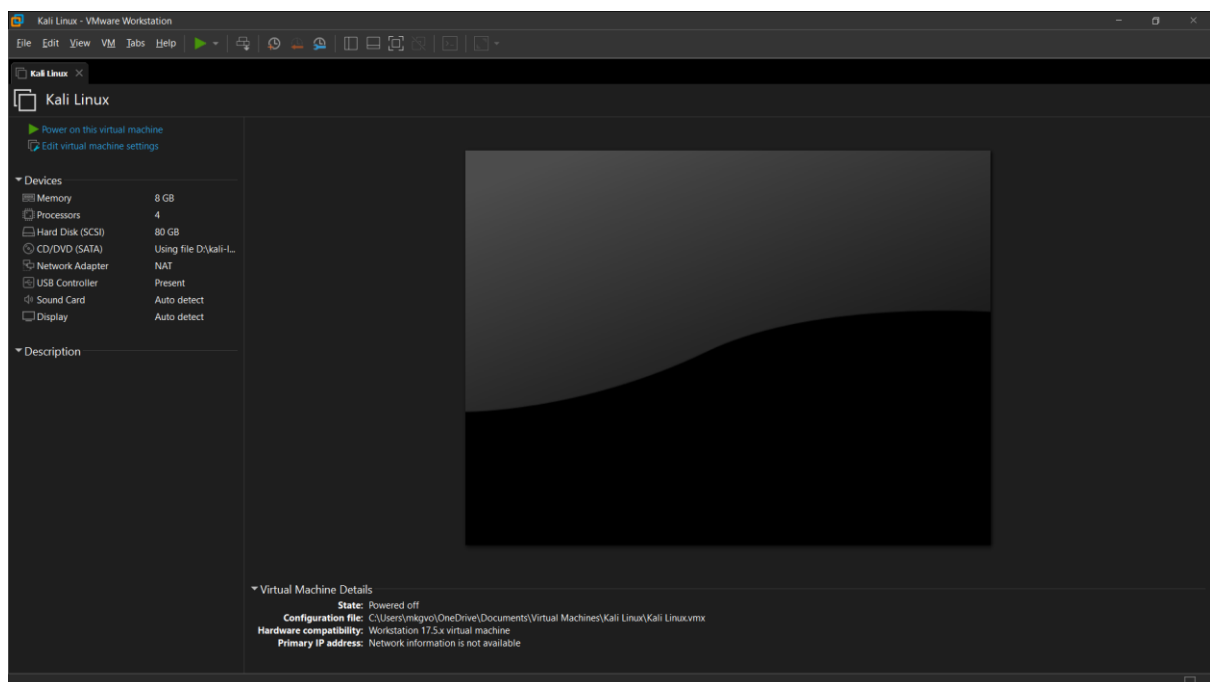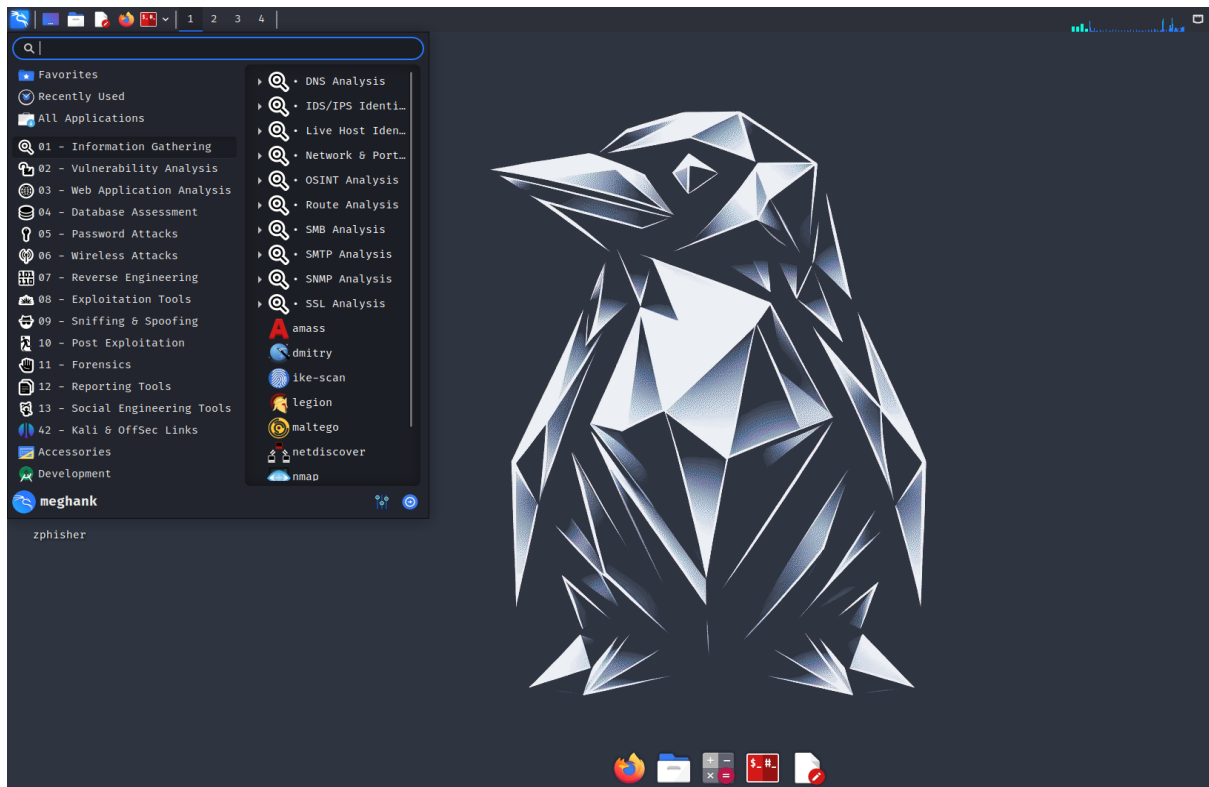
What is Port Forwarding :

In computer networking, port forwarding or port mapping is an application of network address translation (NAT) that redirects a communication request from one address and port number combination to another while the packets are traversing a network gateway, such as a router or firewall.