

★ We'll do:

- Network Hacking
- Gaining Access
- Post Exploitation
- Website Hacking
- Security (end of all sections)

## Setting a Hacking Lab

- To do all the practical things, we need to set up a test lab. We will setup kali on VM.
- We'll use VMWare for setup.
- We might also need other OSes eg Windows etc.
- ★ → Download kali Linux Image, from site.
- Check if virtualization is enabled or not.  
For Windows: Task Mgr → performance  
→ check if enabled. If yes, move ahead.

★ Assuming you downloaded the image.

- extract it to get the files (w/ 7zip)
- download VMware workstation & install
- open VMware & choose the vmware file.
- that's it, machine is installed.
- you can continue with default settings.

## Linux Basics

- You can <sup>fine</sup> multiple workspaces in the machine.
- A lot of penetration testing tools do not have a GUI & only work on kernel.

## Linux Commands:

- ① `pwd`: prints the current working directory
- ② `ls`: lists all directories/files in current working directory
- ③ `cd`: allows to navigate to other folders

• There are many other commands that we'll learn with time.

→ For help, command '`man`' will give you the manual of each command.

Eg. '`man ls`' gives manual of `ls`.

★ '`apt-get`' allows you to install programs on the system

→ eg to install terminator, do:

`# apt-get install terminator`

→ Terminator is similar to Linux kernel, but it allows multiple terminal screens at the same time.