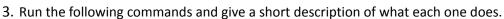
Lab preparation

- 1. Install VirtualBox, VMware, or UTM by Broad
- 2. Install the following virtual machines
 - Kali Linux
 - Metasploitable 2 (from Rapid7)

Basic commands in Kali Linux



- ls -a
- ls /etc/
- lsusb
- cd
- cd -
- cd ..
- cd /
- cd /usr/bin/ or usr/bin
- mv myFile aDir/
- mv aDir/myFile .
- mv aDir myDir
- cp myFile subDir/
- cp -r myDir/ elsewhere/
- mkdir photos
- mkdir -p photos/2025/vacation
- pwd
- find myfile*
- find -name *myfile*.ogg
- find /home/ -name myfile
- find . -name "*.c"
- grep -n mytexte myfile
- cat -n myFile
- sudo apt-get update
- sudo apt-get upgrade
- sudo apt-get install packet1 packet2
- sudo apt-get --purge remove packet3
- rmdir Dir 1
- exit
- who
- 4. Write and run a Bash script lab0_.sh that collects a small system report (reconnaissance) and saves it to /tmp/lab0-report-<yourname>-YYYYMMDD-HHMMSS.txt. The script should:
 - Check it is running on Linux and exit with a message if not.
 - Print a header with student name, hostname, and timestamp.
 - Collect and append to the report: uname -a (kernel info).
 - whoami and user list (cut from /etc/passwd for human users).
 - IP addresses (ip -brief addr or ip a fallback).



