

Week 5 – Task 5.3D**Report**

I examined a number of software programs for my assignment, including Nmap, Phonesploit, ADB, and Metasploit, in order to keep an eye on network-connected devices and obtain backdoor access—which is necessary for penetration testing. Phonesploit on a virtual Kali Linux computer was to be used for the purpose. A spare Android phone was attached via USB, its developer settings and USB debugging activated, and its TCP port was altered to "5555". I connected to the victim by figuring out their IP address using Phonesploit. This was a tough yet entertaining experiment that entailed utilizing ADB and Phonesploit to hack into an Android smartphone. In light of ethical considerations, it emphasized how crucial it is to conduct testing on a non-sensitive item and have the owner's consent.