Network Research Project – S13 Low Hong Jun

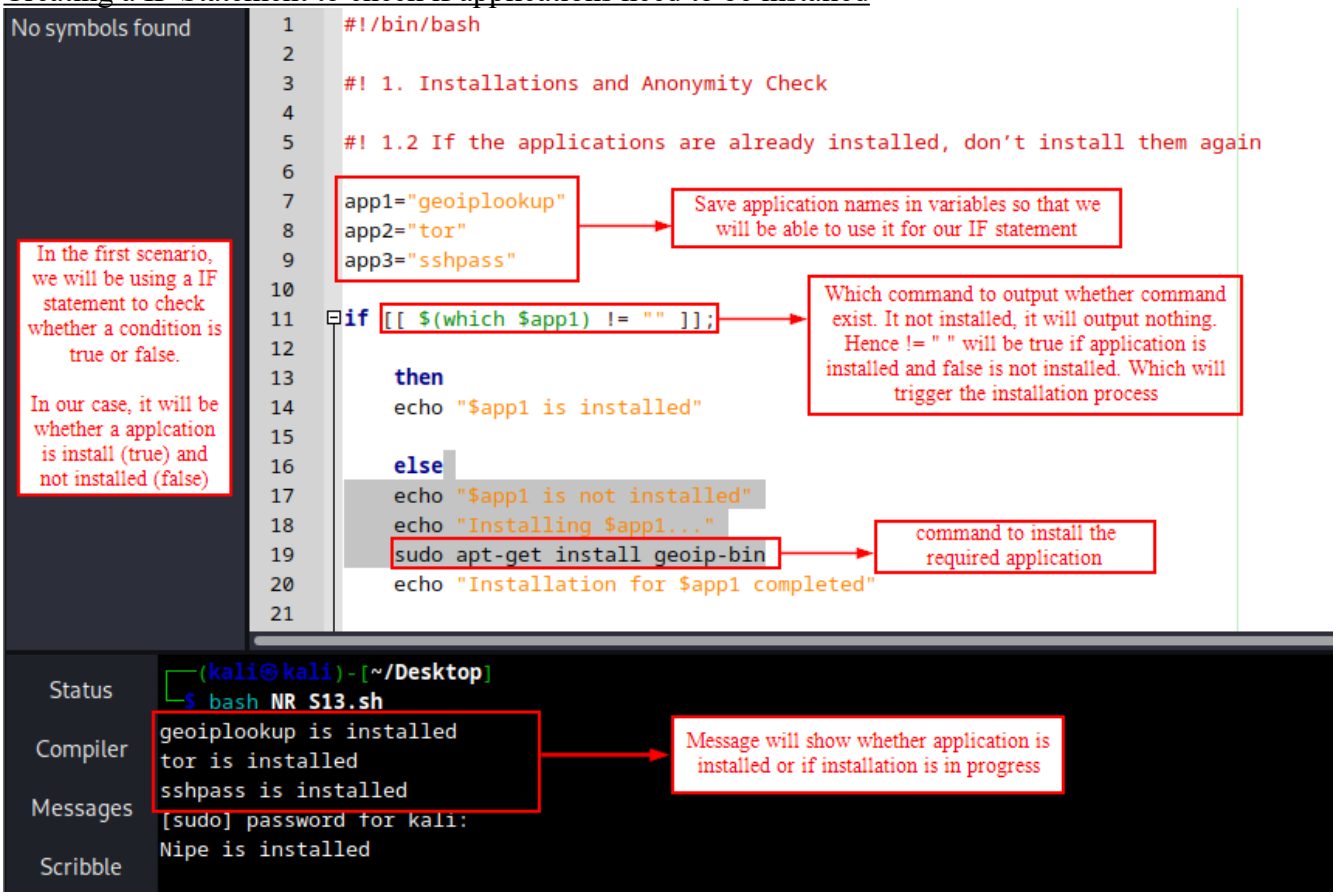
Objective

1. Installations and Anonymity Check
   1.1 Install the needed applications
   1.2 If the applications are already installed, don't install them again
   1.3 Check if the network connection is anonymous; if not, alert the user and exit
   1.4 If the network connection is anonymous, display the spoofed country name
   1.5 Allow the user to specify the address to scan via remote server; save into a variable

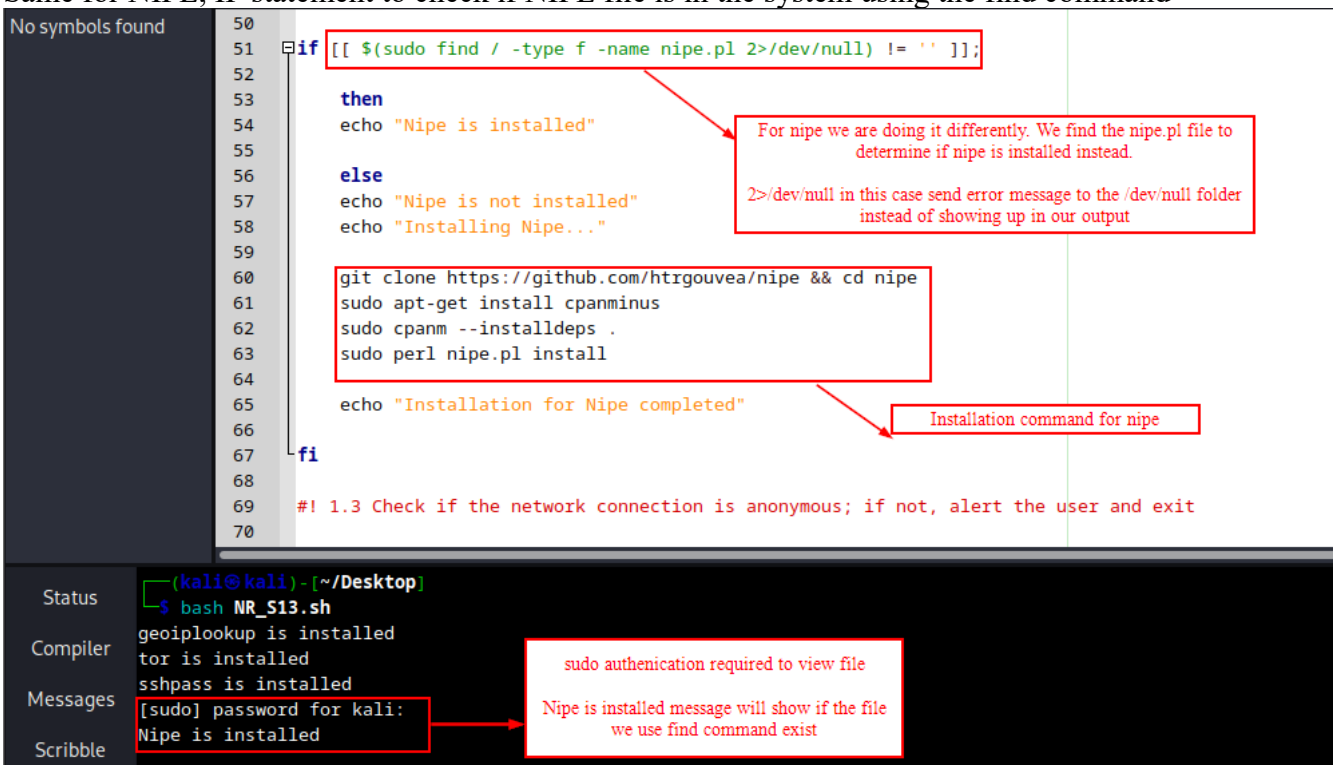
2. Automatically Connect and Execute Commands on the Remote Server via SSH
   2.1 Display the details of the remote server (country, IP, and Uptime)
   2.2 Get the remote server to check the Whois of the given address
   2.3 Get the remote server to scan for open ports on the given address

3. Results
   3.1 Save the Whois and Nmap data into files on the local computer
   3.2 Create a log and audit your data collecting

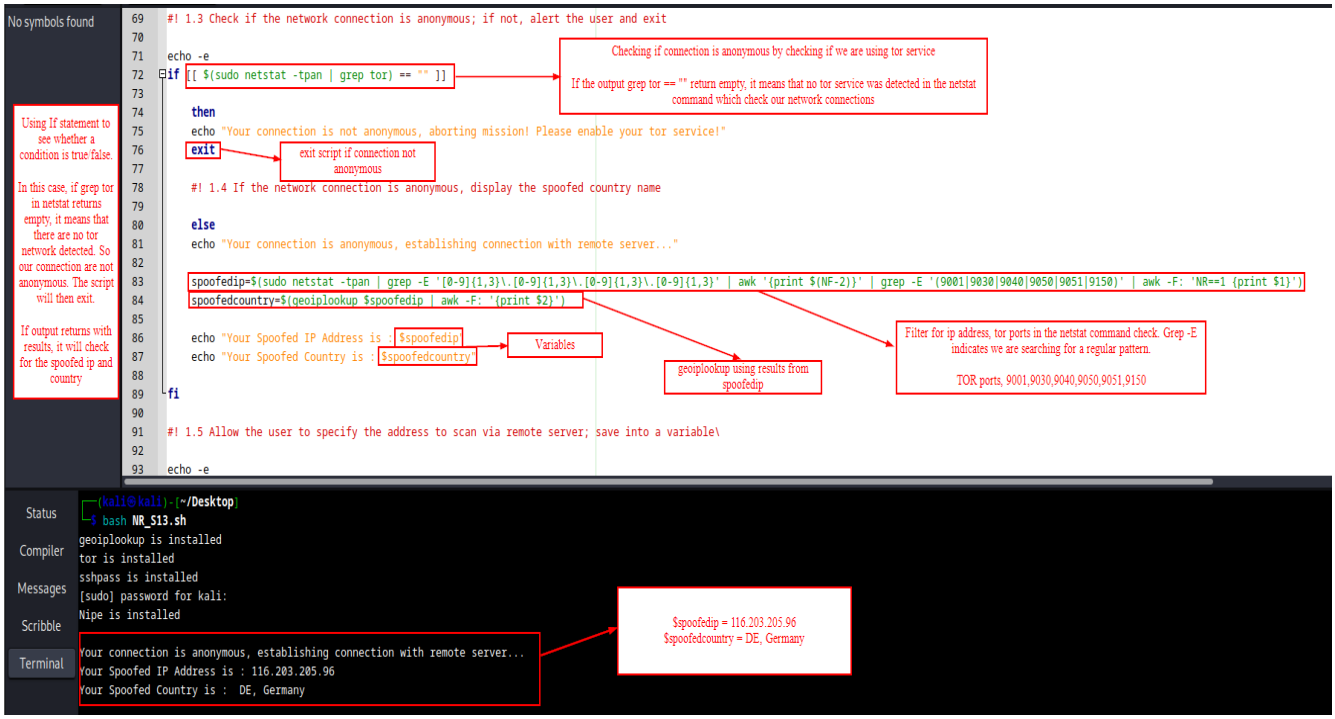
Creating a IF Statement to check if applications need to be installed



Same for NIPE, IF statement to check if NIPE file is in the system using the find command



IF statement to check if TOR service is enabled



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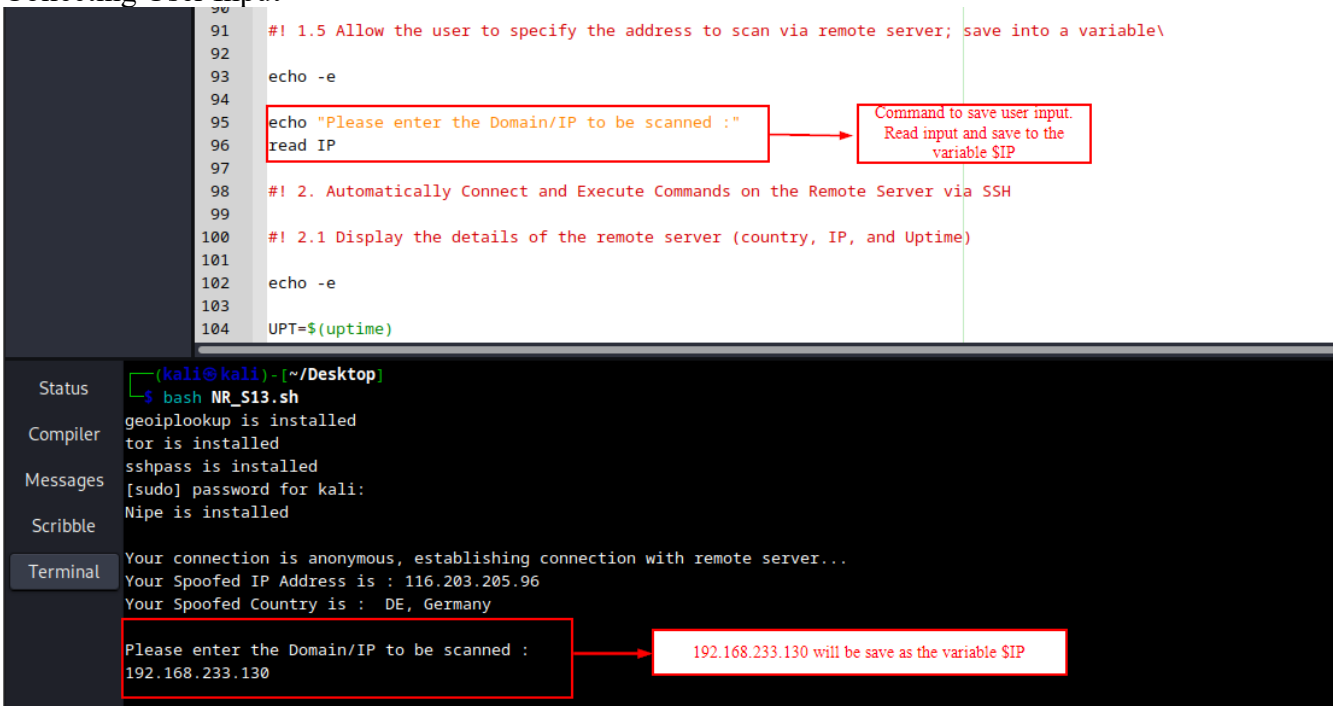
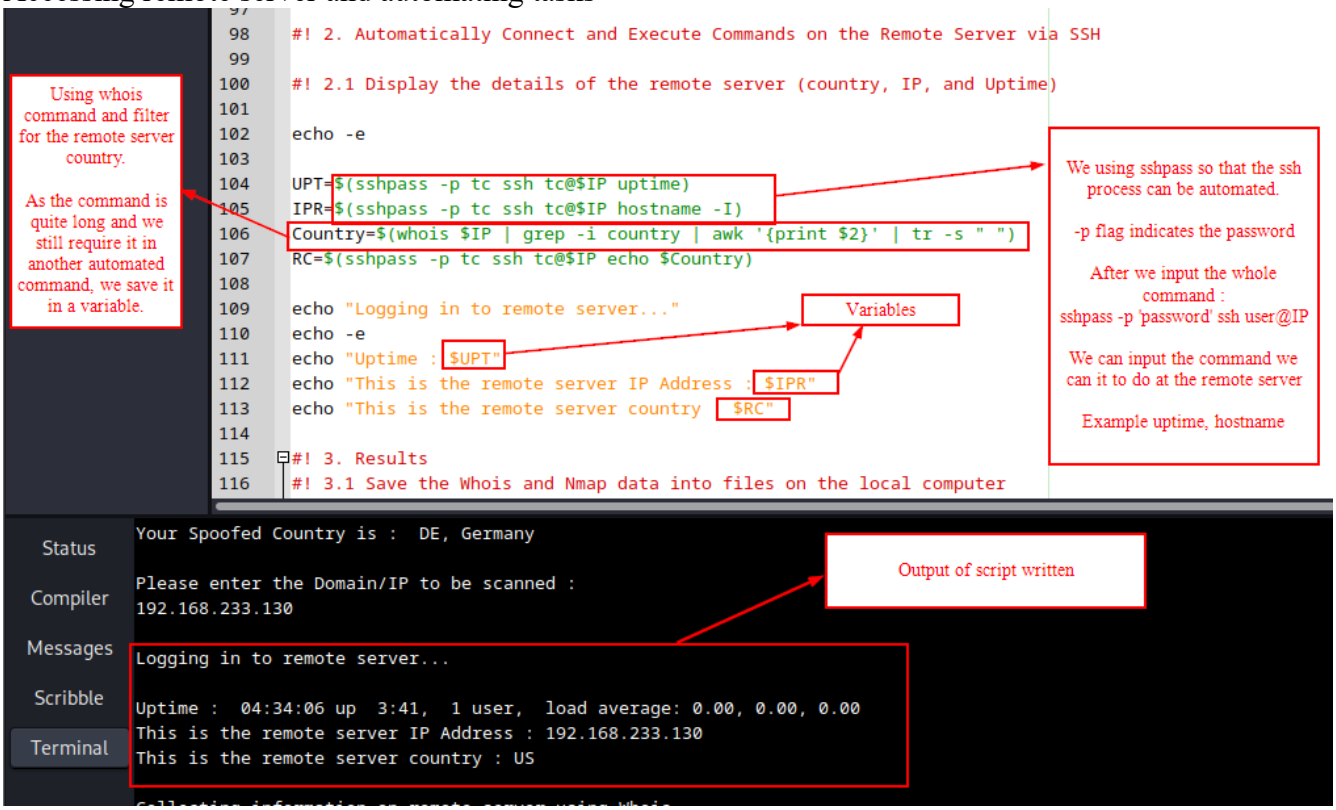
Collecting User Input



Accessing remote server and automating tasks



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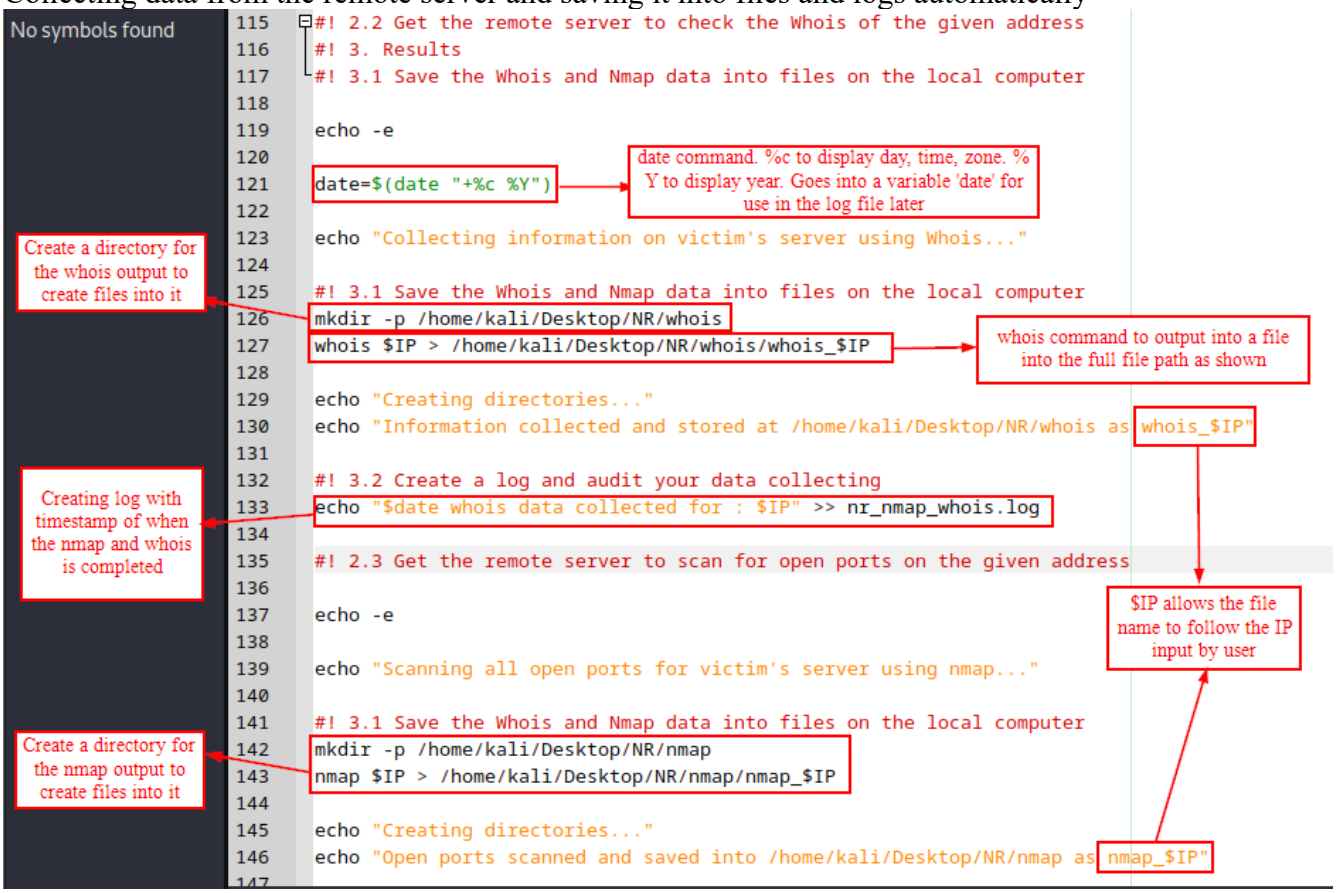
Collecting data from the remote server and saving it into files and logs automatically



Output from the above script