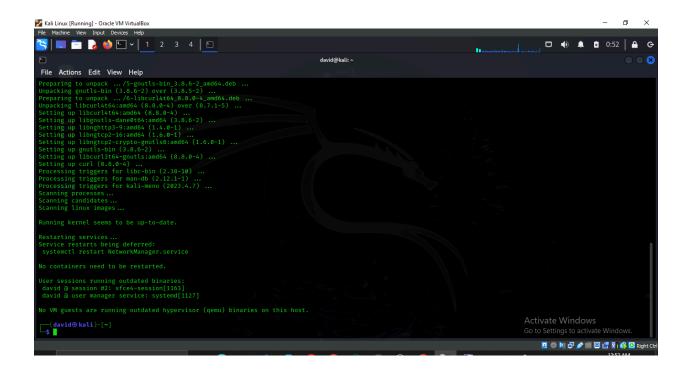
LAB 10:

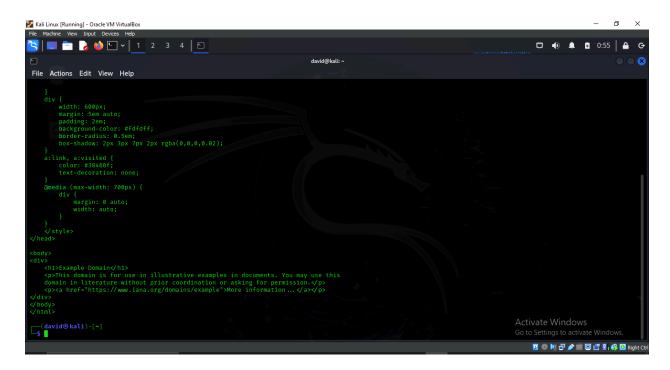
How to use the Curl tool for manual information gathering.

Tool: Kali Linux

Task 1: Curl can be installed on Linux using the following command: sudo apt-get install curl



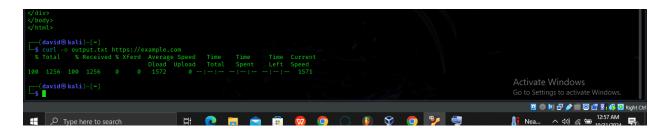
Task 2: open a terminal and type the following: curl https://example.com



To save this output to a file, we will use either the "-o" or "-O" option. The lowercase option saves the file with a predefined filename, while the uppercase option saves the file with its original filename.

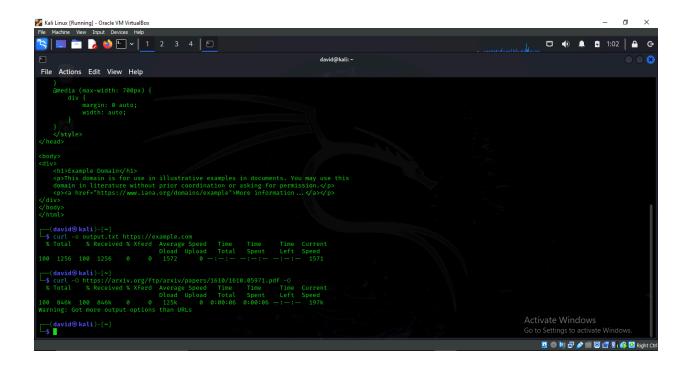
Type the following to save your output:

curl -o output.txt https://example.com

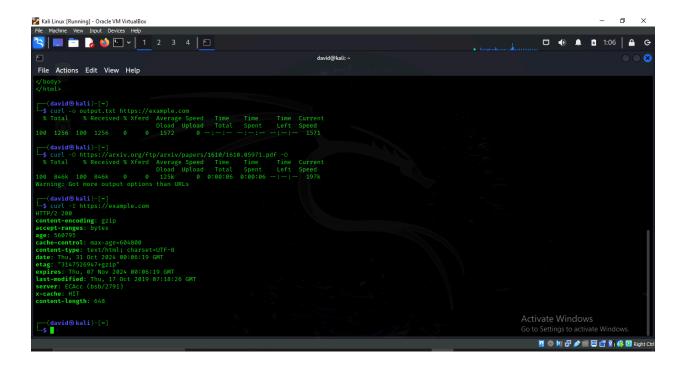


Task 3: Curl also provides you with the ability to download multiple files at once. To do this, use multiple -O options, followed by the URL of the file you want to download. For example:

curl -O https://arxiv.org/ftp/arxiv/papers/1610/1610.05971.pdf -O



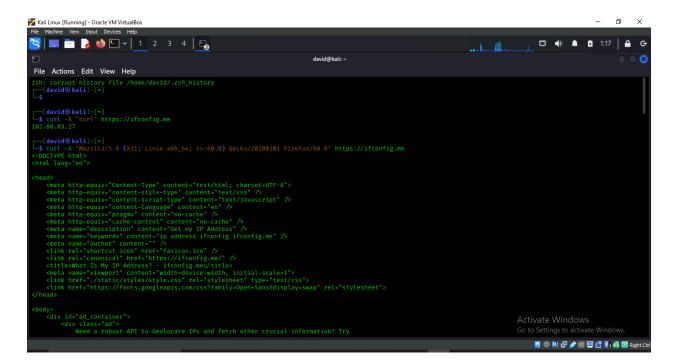
Task 4: Curl can also be useful for downloading HTTP headers, which is useful when testing a site. To do this, use the following command: curl -I https://example.com



Task 5: When attempting to download a file or gather other information using curl, you may discover that the target site may be designed to block curl. In this case, it is useful to emulate a browser, such as Firefox, to return the information you are looking for. To do this, use the following command:

curl -A "curl" https://ifconfig.me

curl -A "Mozilla/5.0 (X11; Linux x86_64; rv:60.0) Gecko/20100101 Firefox/60.0" https://ifconfig.me



Task 6: Curl can also be used for sending HTTP POST data to FORM pages. In this example, we are sending two parameters, "tfUName" and "tfUPass", with attached values to "http://testasp.vulnweb.com/Login.asp".

