**EX NO: 3**

**DATE:**

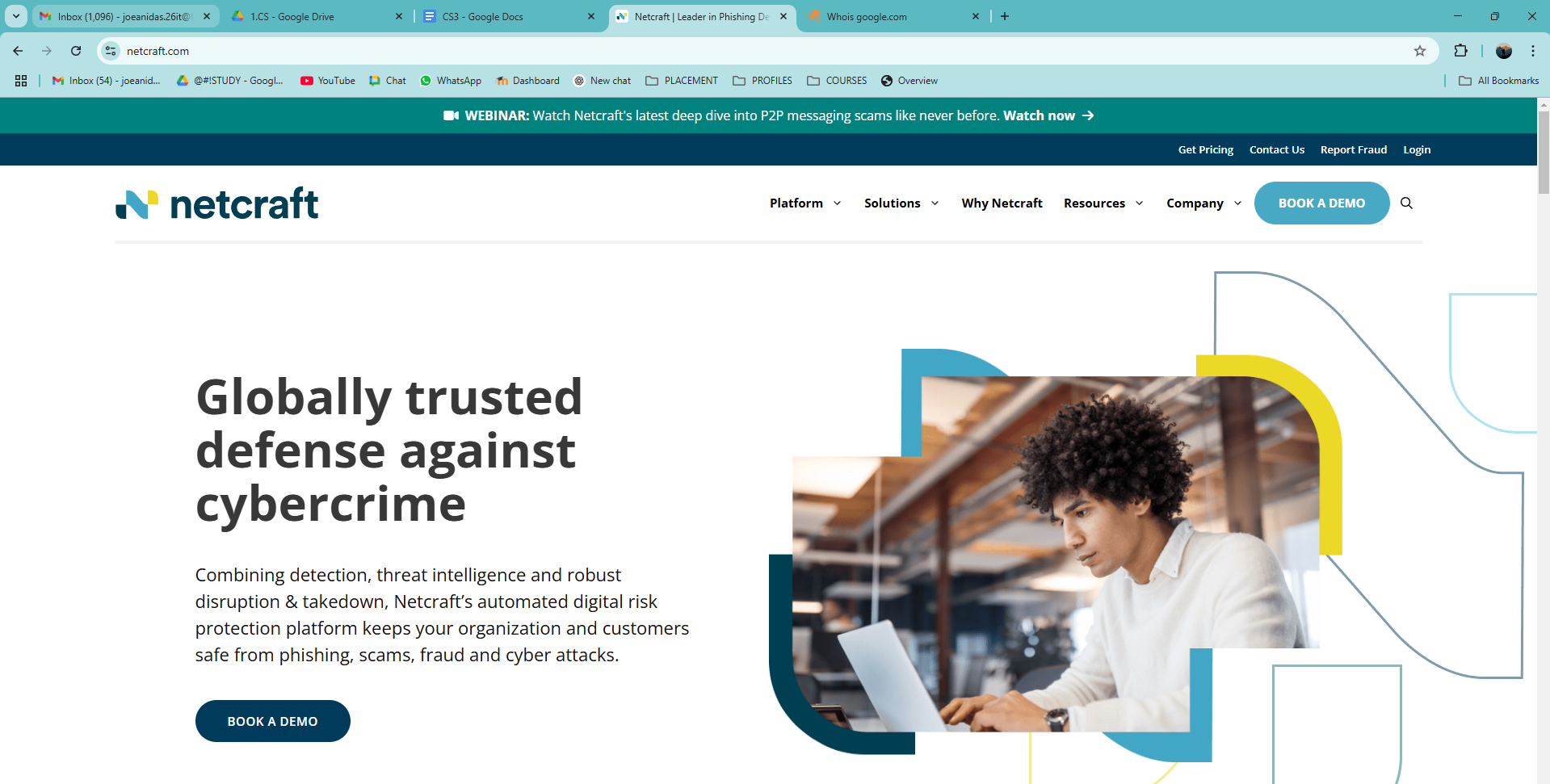
**PERFORM OPEN SOURCE INTELLIGENCE GATHERING USING NETCRAFT, WHOIS LOOKUPS, DNS RECONNAISSANCE, HARVESTER AND MALTEGO**

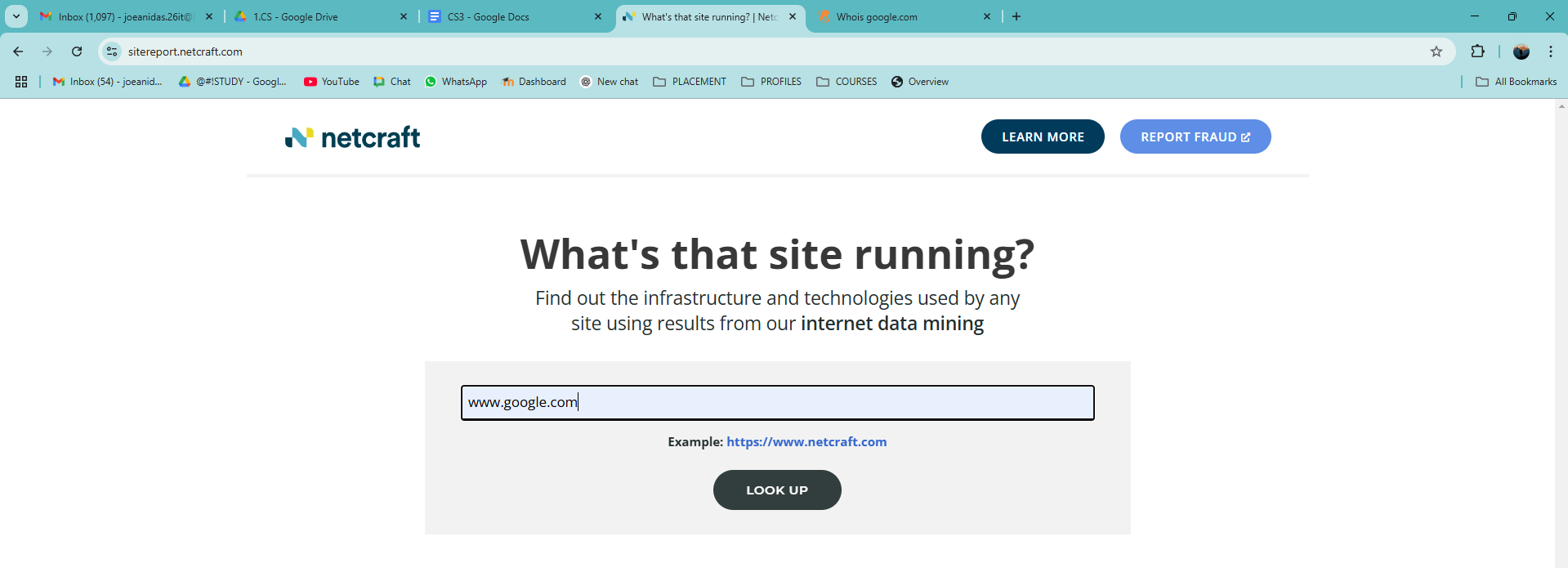
**AIM:**

To Perform open source intelligence gathering using Netcraft, whois lookups, DNS Reconnaissance, Harvester and Maltego.

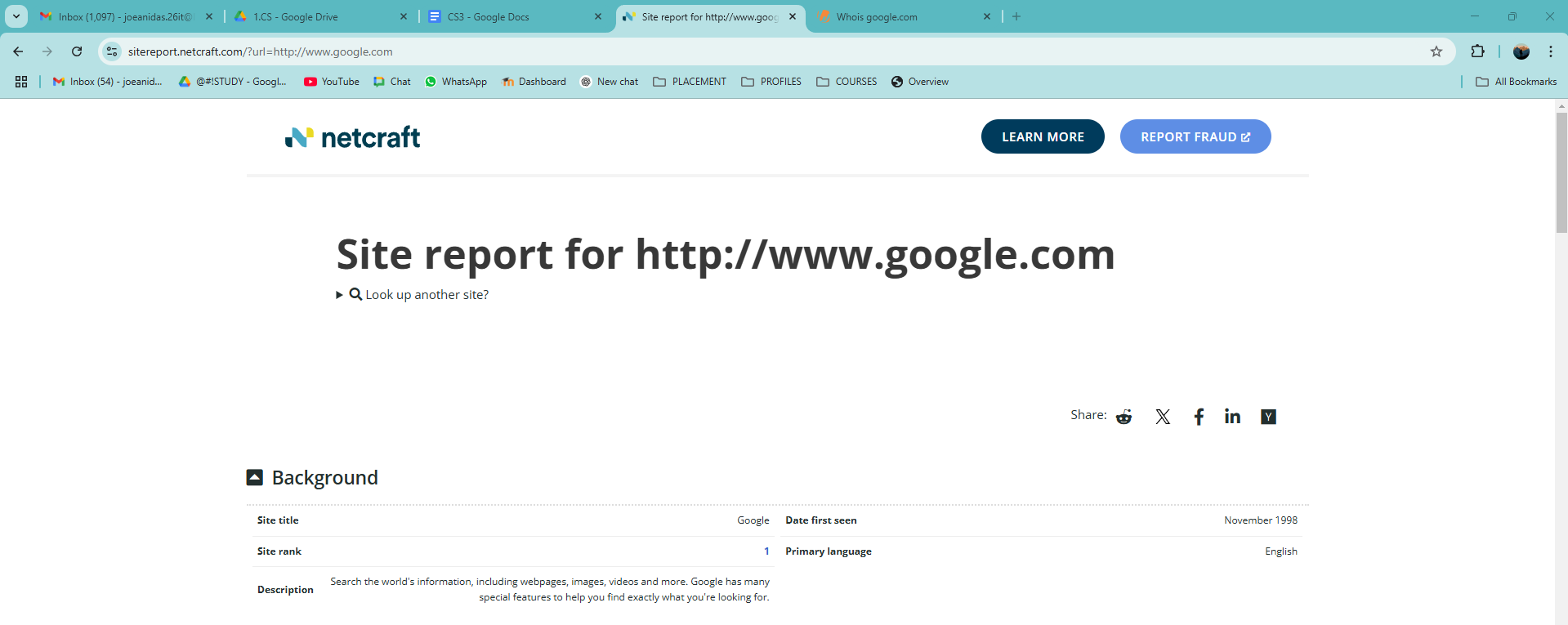
**PROCEDURE:**

Step 1: Netcraft is a tool used for finding what infrastructure and technologies are in a site.



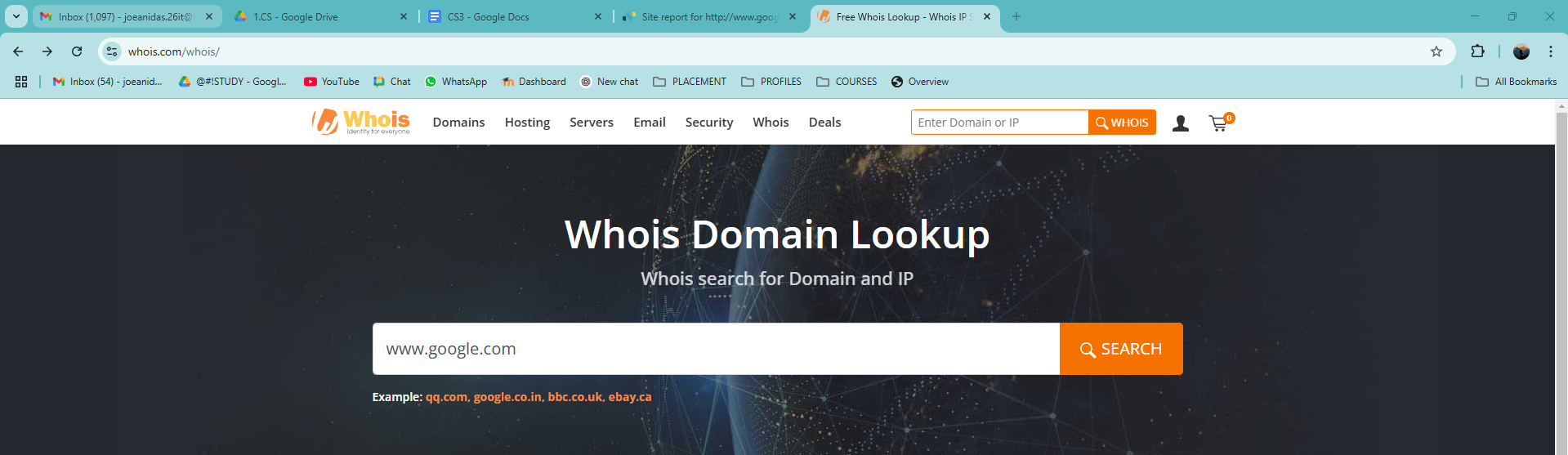
Step 2: The tool can be accessed using Browser and the Infrastructure and technologies of the website can be accessed by giving the URL of the site.

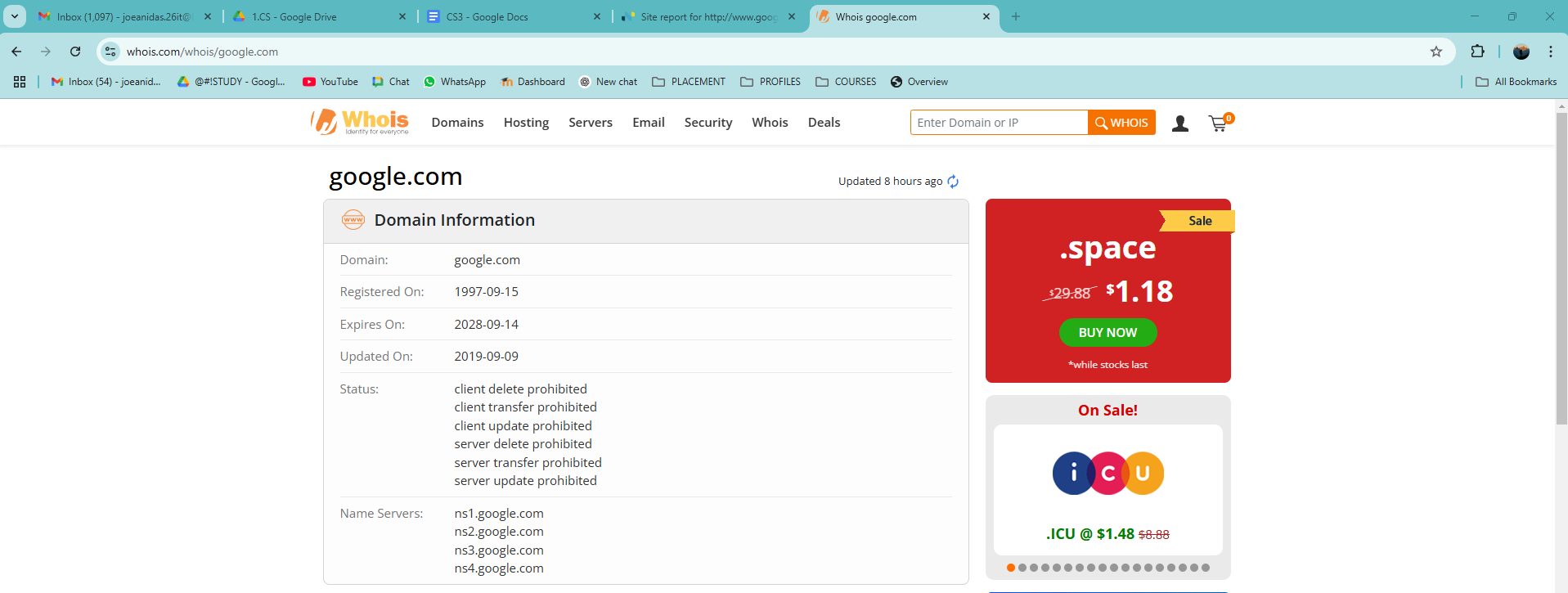
Step 3: The website will display the information such as IP addresses of the website.



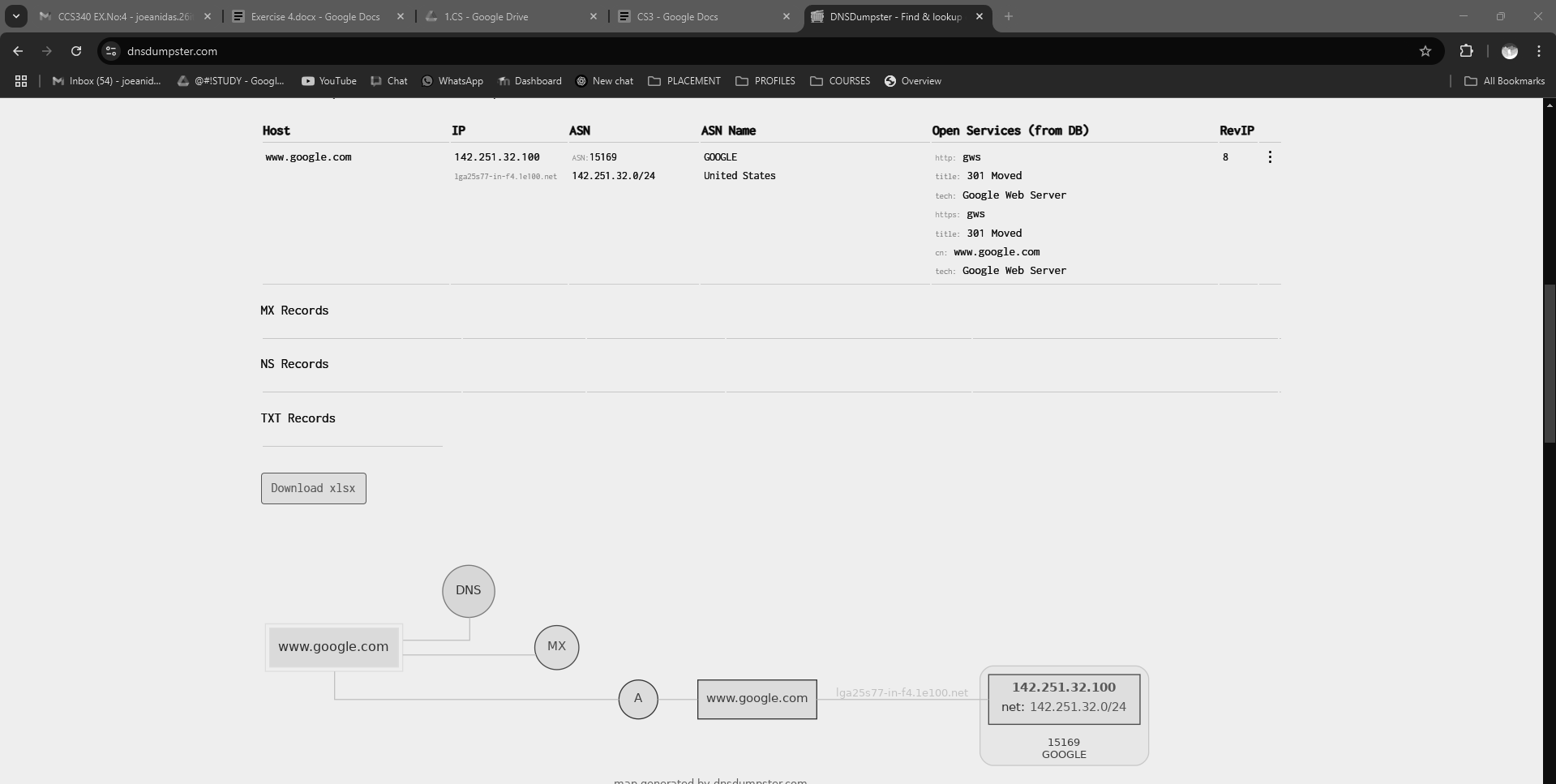
Step 4: Whois is also a tool used to get the all domains and subdomains of a website. The website can be accessed at [https://whois.com](https://whois.com/).

We can enter the name of the website to look for domains.

This tool is used to view the sub domain of the website. The sub domains can be viewed like a tree.



Step 5: Perform the DNS Reconnaissance.



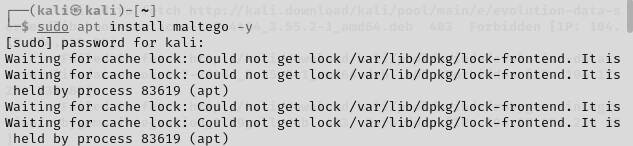
Step 6: Harvester is a tool used in Linux System.

This is used to get the IP addresses of the website The Harvester tool can be used by giving following command: **theHarvester –d <website\_name>**



Step 7: You can install and verify Maltego in a single step using:

**sudo apt install maltego -y && maltego**







**RESULT:**