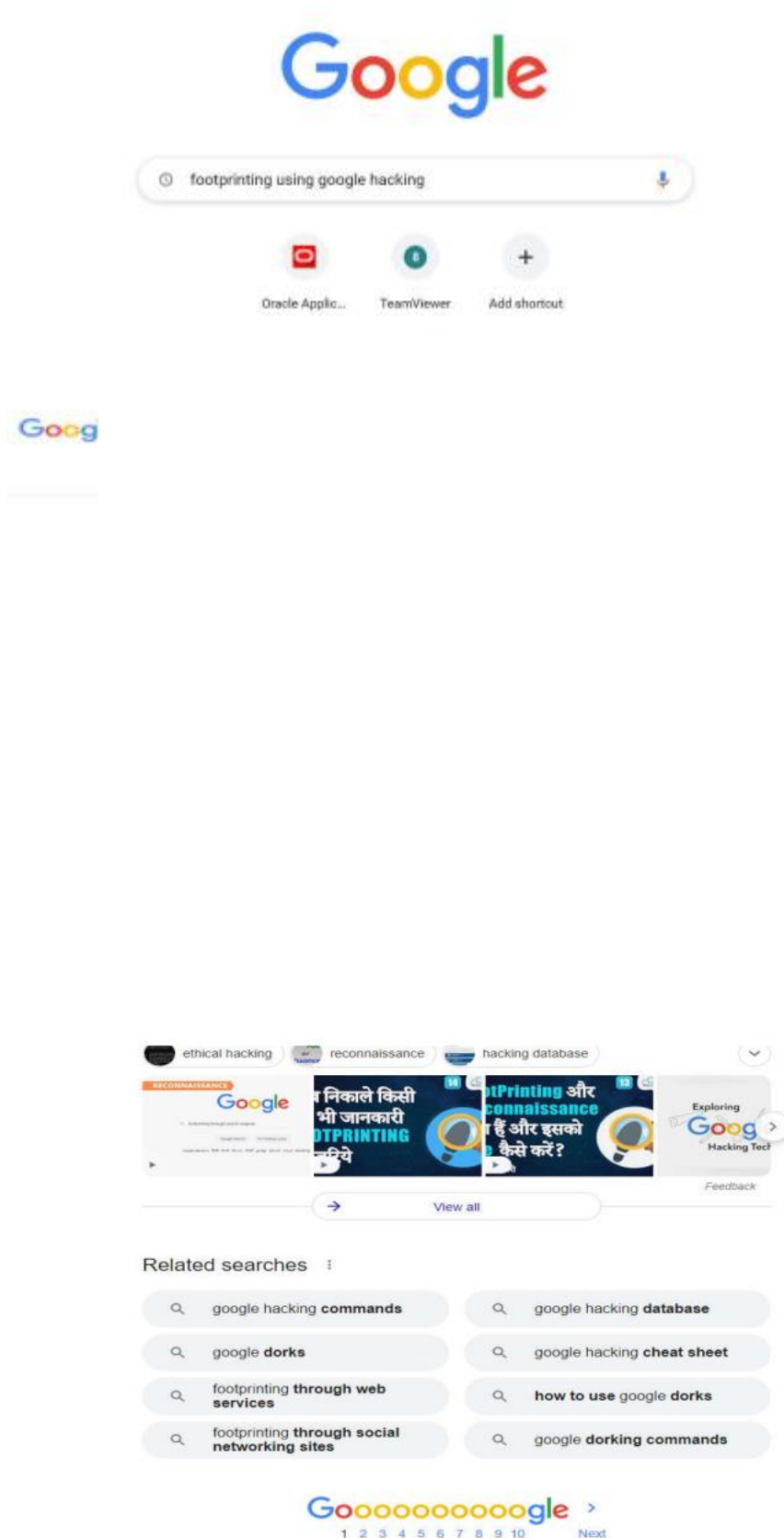


Using the software tools/commands to perform the following , generate an analysis report :

A. PERFORMING FOOTPRINTING USING GOOGLE HACKING:

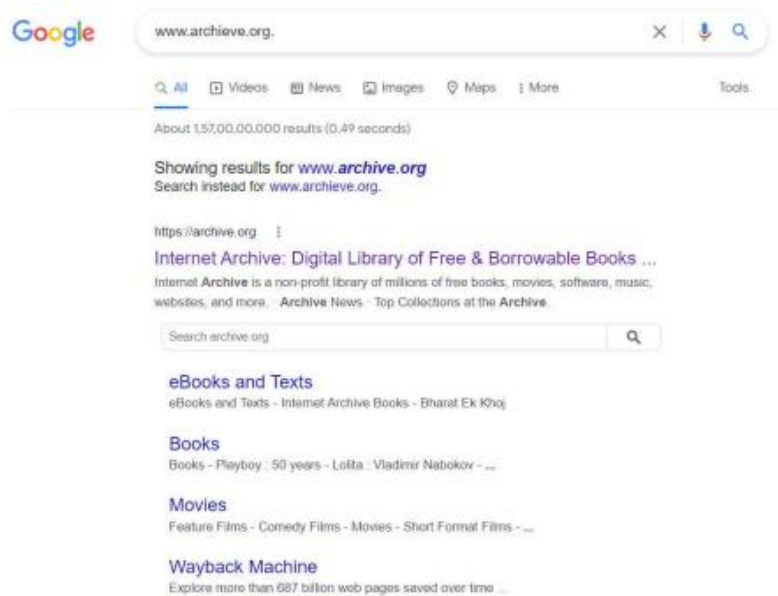


B. To find out the information about a website

Step 1: Type <https://www.archive.org/> in Google



Step2: Click on Internet Archive



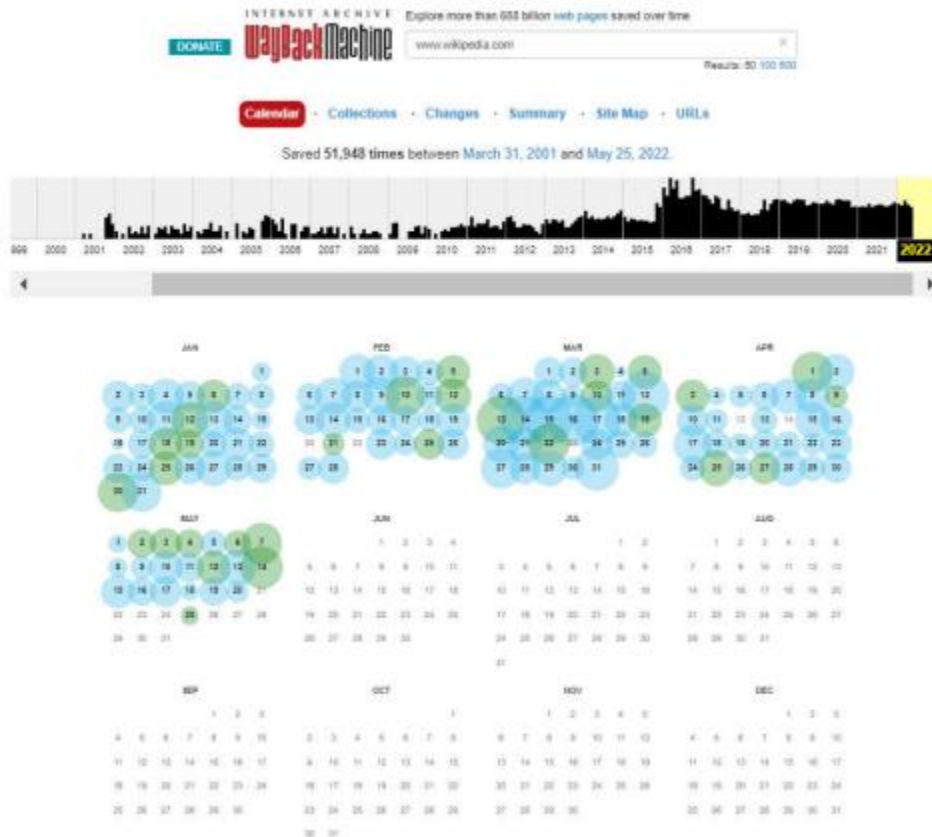
Step 3: You can enter Domain name in the search box.



Step 4: Suppose we want to check for Wikipedia, so we entered the search box.

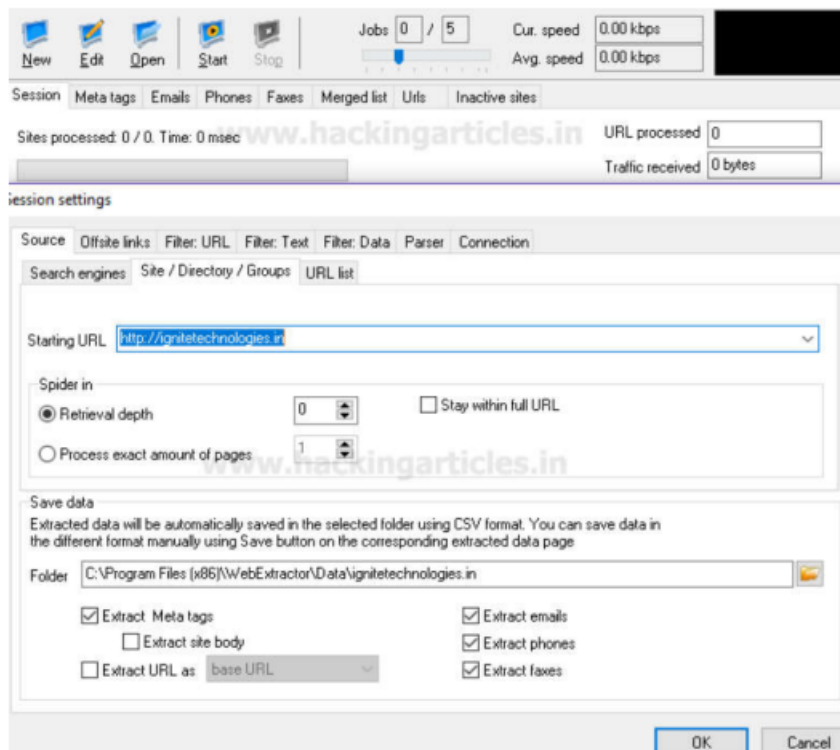


Step 5: For how the website was looking and are the pages are present on that website with different dates.



C. To find the information about a website

Web Data Extractor pro is web scraping tool designed for mass gathering different data types. With the help of web data extractor, you can custom extraction structured data. Start with the new project then type in URL then click on meta tag.



The entire website can be mirrored using tool like HTT tacker to collect information at own phase.

D. To trace any received email and generate a report.

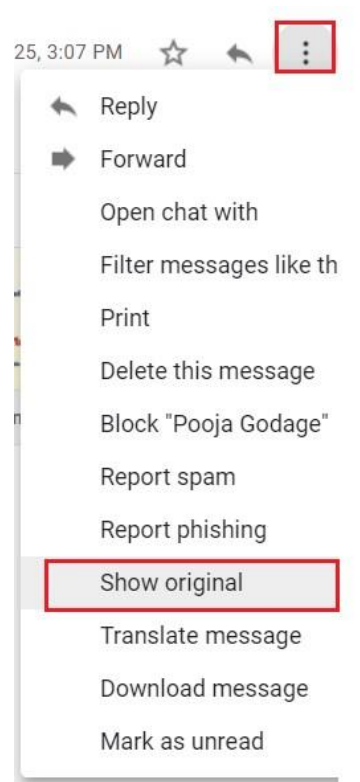
A. Download emailtrackerpro (Software is shared: emt.exe) Follow the steps on this link

<http://www.emailtrackerpro.com/support/headertutorials/gmail.html>

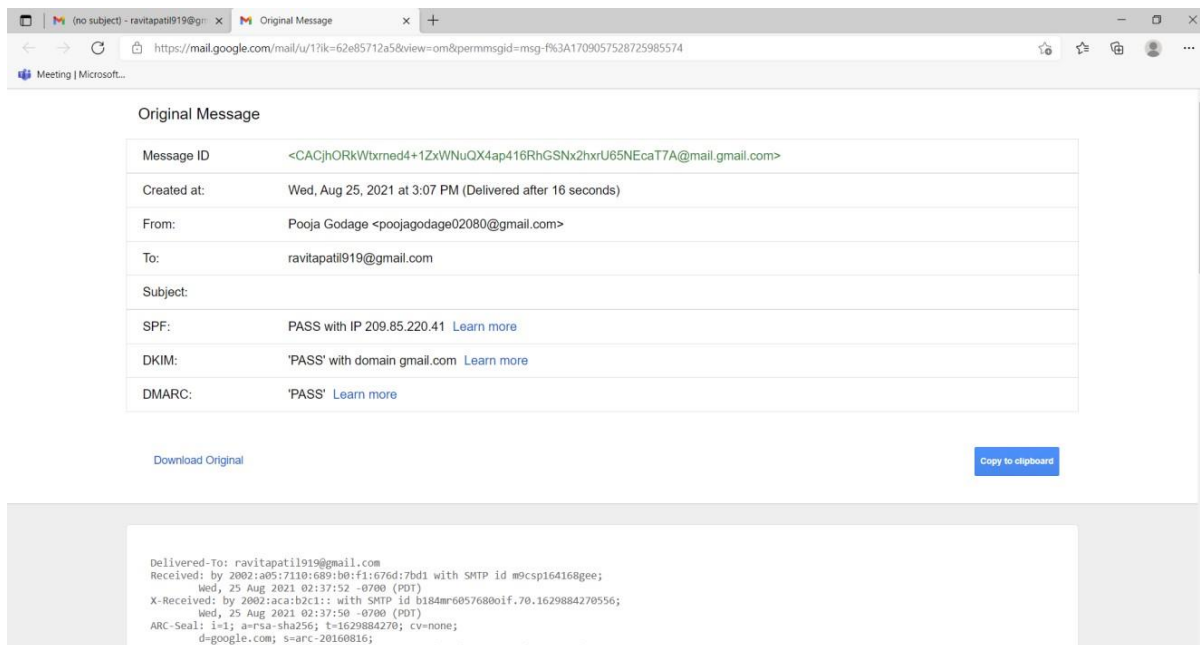
Step 1: Click on the email you want to trace from the Inbox view



Step 2: When the email opens there will be a down arrow in the top right hand corner of the email. Clicking this will drop down a menu. Click the "Show Original" option, as shown on the right.



Step 3: A new tab will open in the browser and in that tab will be the entire email in text form, both the header and content will be visible. All that is required is the header. On the right is an example. The very top text is the header.



Step 4: To use these headers in eMailTrackerPro you have to follow the simple instructions below:

- Highlight the headers by clicking and dragging your cursor over the header text. Make sure you have got the whole header as some headers are too big for the window and you will be required to scroll down. By dragging it should automatically scroll down for you
- Hold down the 'Ctrl' button on your keyboard and then press the 'C' key once, this has copied the highlighted headers
- Open eMailTrackerPro if it is not already open and click inside the dialog box where the headers are to be pasted. The headers should be automatically pasted into the dialog box, if this is not the case then hold down the 'Ctrl' key again and press the 'V' key to paste the headers into eMailTrackerPro
- Once the headers have been pasted click the 'Trace' button to initiate the trace

File My Inbox Help

My Inbox View My Trace Reports Receive Mail Check Mail Clean Mail Whitelist Address Rules & Filters Blacklist Address Create Filter Views & Search Search & Show Trace Email Trace

Welcome to eMailTrackerPro version 10.0b (build 4116) No mail to show

Delete	Rule	Subject	Date	From	Location	Sender IP
--------	------	---------	------	------	----------	-----------

No email accounts have been set up

Set up an account

Rules & Filters

Add Rule Add Filter

White Black Filters

- Japanese Language
- Chinese Language
- Russian Language
- DNS Blacklisted

Preview Email

eMailTrackerPro by Visualware

I Want To:

☒ **Trace an email I have received**

A received email message often contains information that can locate the computer where the message was composed, the company name and sender's ISP ([more info](#)).

☐ **Look up network responsible for an email address**

An email address lookup will find information about the network responsible for mail sent from that address. It will not get any information about the sender of mail from an address but can still produce useful information.

Enter Details

To proceed, paste the email headers in the box below ([how do I find the headers?](#)).

Note: If you are using Microsoft Outlook, you can trace an email message directly from Outlook by using the eMailTrackerPro shortcut on the toolbar.

Email headers:

```
Content-Type: multipart/mixed; boundary="0000000000002b00e305c6389b6c"
--0000000000002b00e305c6389b6c
Content-Type: multipart/alternative; boundary="0000000000002b00e005c6389b6a"
--0000000000002b00e005c6389b6a
Content-Type: text/plain; charset="UTF-8"
```

[Trace](#)[Cancel](#)

FileHelp

My Inbox

My Trace Reports

Trace Headers

Trace Address

Email Accounts

Settings

Export Rules

Trial Edition

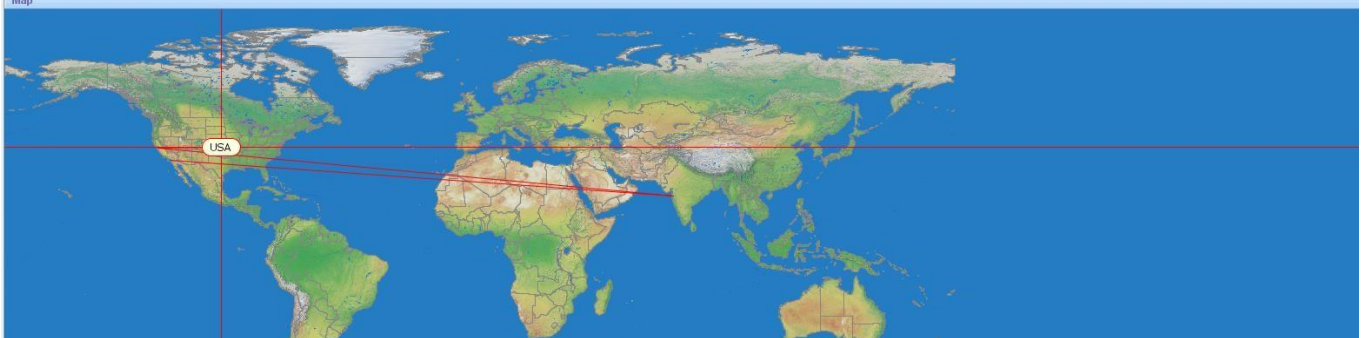
Configure

HomeSubject: Fwd: Document... X

The trace is complete, the information found is displayed on the right

New TraceView Report

Map



Email Summary

From: poojagodage02080@gmail.com
To: ravitapatil919@gmail.com
Date: Sat, 3 Jul 2021 19:38:11 +0530
Subject: Fwd: Document from Pooja godage
Location: USA

Misdirected: No
Abuse Reporting: To automatically generate an email abuse report [click here](#)
From IP: 209.85.220.41

System Information:

- There is no SMTP server running on this system (the port is closed).
- There is no HTTP server running on this system (the port is closed).
- There is no HTTPS server running on this system (the port is closed).
- There is no FTP server running on this system (the port is closed).

Table	#	Hop IP	Hop Name	Location
1		192.168.0.1		
2		10.10.207.58		
3		12.12.200.153		San Diego, California, USA
4		103.49.243.202		Dombivli, Maharashtra, India
5		74.125.37.7		Mountain View, California, USA

Trace Information

Subject: Fwd: Document from Pooja godage

Misdirected: No

From: poojagodage02080@gmail.com

Sender IP: 209.85.220.41

Abuse Address: (None Found)

Location: USA

E. To fetch DNS information

Goto command prompt and perform the following:

```
Microsoft Windows [Version 10.0.19043.1348]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>nslookup www.indiana.edu
Server: UnKnown
Address: 192.168.43.1

Non-authoritative answer:
Name: indiana.edu
Addresses: 2001:18e8:2:e::104
           2001:18e8:2:e::103
           129.79.123.149
           129.79.123.148
Aliases: www.indiana.edu

C:\Users\DELL>nslookup www.gmail.com
Server: UnKnown
Address: 192.168.43.1

Non-authoritative answer:
Name: googlemail.l.google.com
Addresses: 2404:6800:4009:828::2005
           142.250.192.37
Aliases: www.gmail.com
          mail.google.com
```

Go to ping.eu on the site. Locate DNS lookup and type the domain name to obtain the IP addresses and aliases

ping.eu Online Ping, Traceroute, DNS lookup, WHOIS, Port check, Reverse lookup, Network mask calculator, Country by IP, Unit converter

Your IP is **117.99.247.252**

Choose function:



Ping – Shows how long it takes for packets to reach host



Traceroute – Traces the route of packets to destination host from our server



DNS lookup – Look up DNS record



WHOIS – Lists contact info for an IP or domain

ping.eu

Online Ping, Traceroute, DNS lookup, WHOIS, Port check, Reverse lookup, Proxy checker, Bandwidth meter, Network calculator, Network mask calculator, Country by IP, Unit converter

Your IP is **117.99.247.252**

Online service DNS lookup



DNS lookup – Look up DNS record

IP address or host name:

Go

Using domain server:

Name:

127.0.0.1

Address:

127.0.0.1#53

Aliases:

indiana.edu has address **129.79.123.149**

indiana.edu has address **129.79.123.148**

indiana.edu has IPv6 address 2001:18e8:2:e::103

indiana.edu has IPv6 address 2001:18e8:2:e::104

indiana.edu mail is handled by 0 external-relay.indiana.edu.

