Exercise No 5: Information gathering using theHarvester

Aim: To demonstrate information gathering using theHarvester
Procedure:

STEP 1: Open Terminal in the kali linux

```
-d [url] will be the remote site from which you wants to fetch

-l will limit the search for specified number.

-b is used to specify search engine name.
```

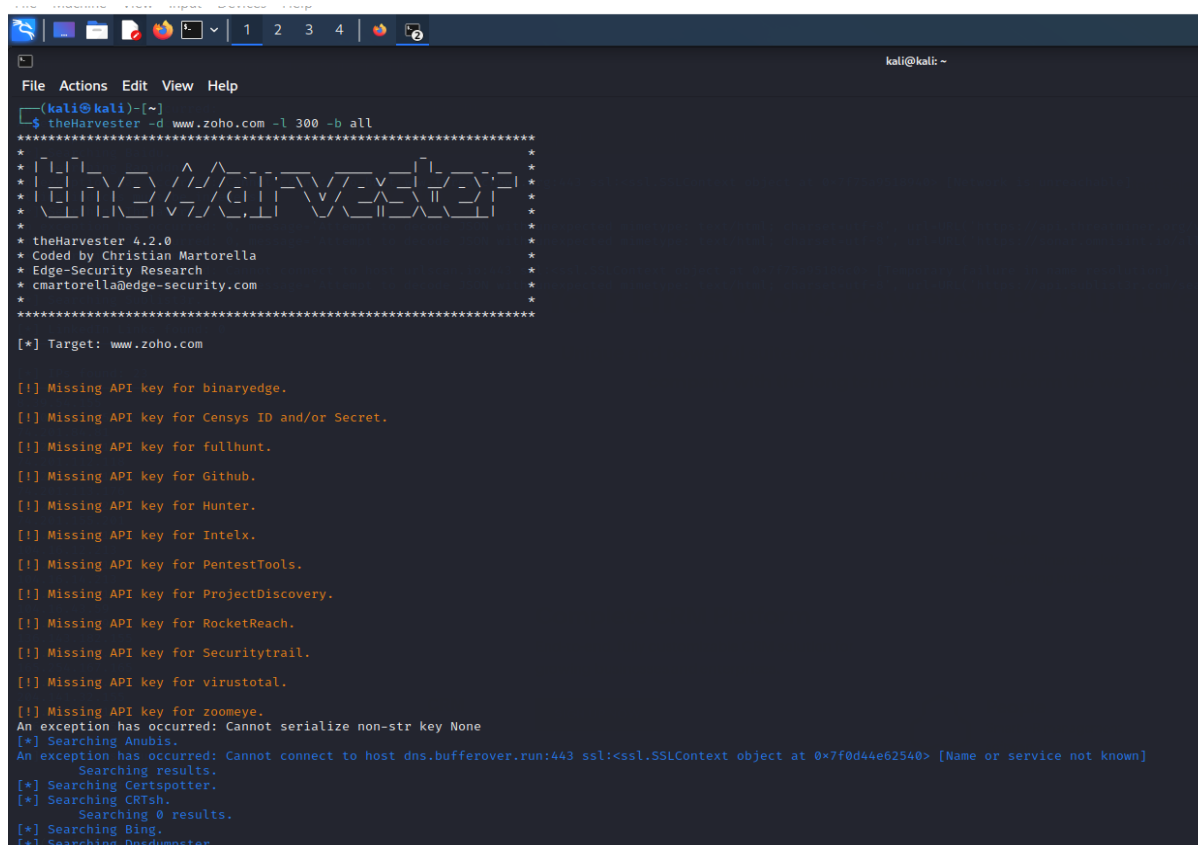### STEP 2: Run the following command
Command: theHarvester -d www.zoho.com -l 300 -b all

Step 4: run this command "**theHarvester -d www.zoho.com -l 300 -b all -f test"**
and hit enterto export the result as html file and xml file
Step 5: now close the terminal and navigate the home folder and search for test file .

OUTPUT:

```
                Searching 0 results.
[*] Searching Bing.
[*] Searching Dnsdumpster.
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
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An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
An exception has occurred:
[*] Searching Baidu.
[*] Searching Hackertarget.
[*] Searching Duckduckgo.
[*] Searching Otx.
[*] Searching Rapiddns.
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:<ssl.SSLContext object at 0x7f0d4571e5c0> [Network is unreachable]
An exception has occurred: Cannot connect to host api.qwant.com:443 ssl:<ssl.SSLContext object at 0x7f0d4571eec0> [Network is unreachable]
[*] Searching Qwant.
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url=URL('https://sonar.omnisint.io/all/www.zoho.com?page=1')
[*] Searching Omnisint.
An exception has occurred: Cannot connect to host www.threatcrowd.org:443 ssl:<ssl.SSLContext object at 0x7f0d4571e940> [Network is unreachable]
string indices must be integers
[*] Searching Threatcrowd.
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url=URL('https://api.threatminer.org/v2/domain.php?q=www.zoho.com&rt=5')
[*] Searching Urlscan.
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url=URL('https://api.sublist3r.com/search.php?domain=www.zoho.com')
[*] Searching Sublist3r.
[*] ASNS found: 7
```

```
An exception has occurred: 0, message='Attempt to decode JSON with unexpected mimetype: text/html; charset=utf-8', url=URL('https://api.sublist3r.com/search.php?domain=www.zoho.com')
[*] Searching Sublist3r.

[*] ASNS found: 7

AS13335
AS141757
AS205111
AS2639
AS33070
AS41913
AS56201

[*] Interesting Urls found: 27

https://www.zoho.com/
https://www.zoho.com/analytics/
https://www.zoho.com/ar/forms/
https://www.zoho.com/assist/
https://www.zoho.com/blog/payroll/strategies-for-remote-payroll-management-at-scale.html
https://www.zoho.com/calendar/?zsrc=fromproduct&serviceurl=%2Fmycalendar
https://www.zoho.com/campaigns/explainer/zcsend.html
https://www.zoho.com/campaigns/explainer/zcvg.html
https://www.zoho.com/creator/analyst/isg-provider-lens-next-gen-adm-solutions-2022-report.html?utm_source=footer&utm_medium=banner&utm_campaign=ISGpromo-2022
https://www.zoho.com/creator/login.html?serviceurl=https%3A%2F%2Fbxchampion.zohocreator.comhttps%3A**Abxchampion.zohocreator.com*portal*prosystem-washingtongas
https://www.zoho.com/de/crm/
https://www.zoho.com/emailsender/
https://www.zoho.com/en-au/
https://www.zoho.com/en-uk/
https://www.zoho.com/es-xl/creator/whatsnew/creator6.html
https://www.zoho.com/forms/
https://www.zoho.com/mail/
https://www.zoho.com/mail/?zsrc=fromproduct
https://www.zoho.com/marketingautomation/
https://www.zoho.com/nl/
https://www.zoho.com/nl/crm/
https://www.zoho.com/nl/salesiq/
https://www.zoho.com/people/?zsrc=fromproduct
https://www.zoho.com/show/
https://www.zoho.com/sites/?zsrc=fromproduct
https://www.zoho.com/social/
https://www.zoho.com/sprints/

[*] LinkedIn Links found: 0


[*] IPs found: 39

8.39.54.155
8.40.222.155
74.201.84.81
74.201.112.101
```

```
File  Actions  Edit  View  Help

https://www.zoho.com/sprints/

[*] LinkedIn Links found: 0
_____

[*] IPs found: 39
_____
8.39.54.155
8.40.222.155
74.201.84.81
74.201.112.101
74.201.112.118
74.201.113.118
74.201.113.176
74.201.113.203
74.201.155.201
89.36.170.52
103.163.152.75
104.16.11.213
104.16.12.213
104.16.13.213
104.16.14.213
104.16.15.213
104.16.43.59
104.16.44.59
136.143.182.155
136.143.190.79
136.143.190.155
136.143.191.204
148.62.36.5
165.173.187.32
165.254.167.165
165.254.168.165
169.148.148.139
185.20.209.52
185.230.212.81
204.141.32.155
204.141.42.79
204.141.42.155
204.141.42.156
204.141.43.204
216.52.72.155
2a06:98c1:3120::c

[*] No emails found.

[*] No hosts found.
```

RESULT: Hence we have demonstrate information gathering using harvester successfully.