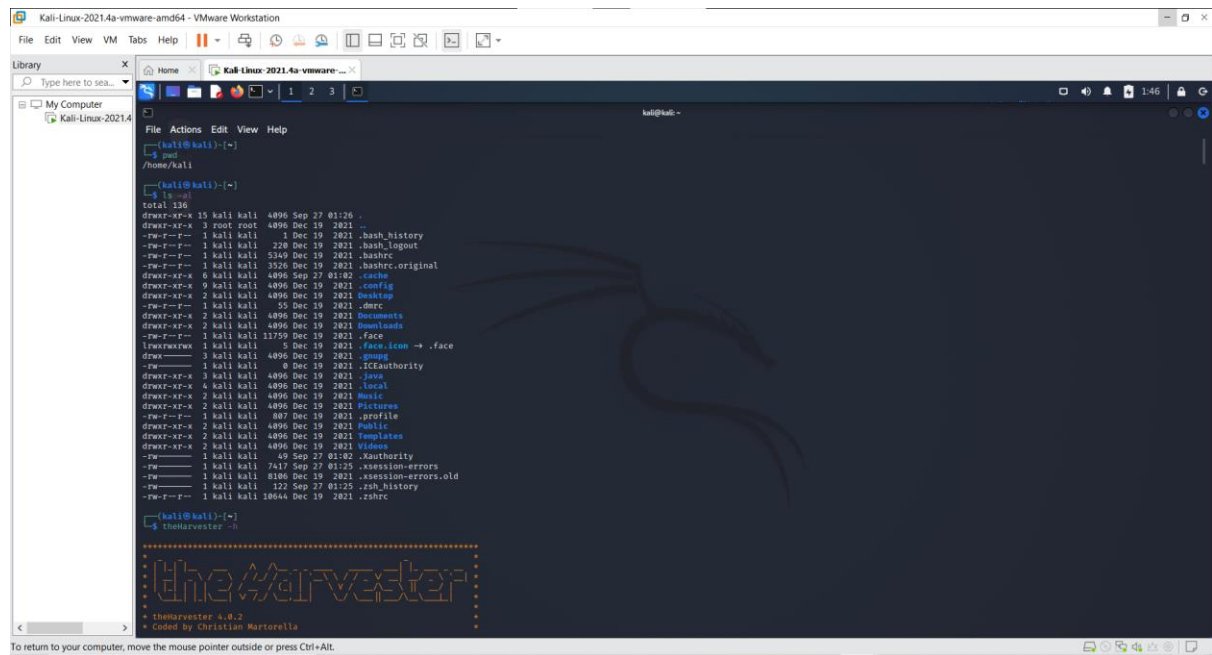
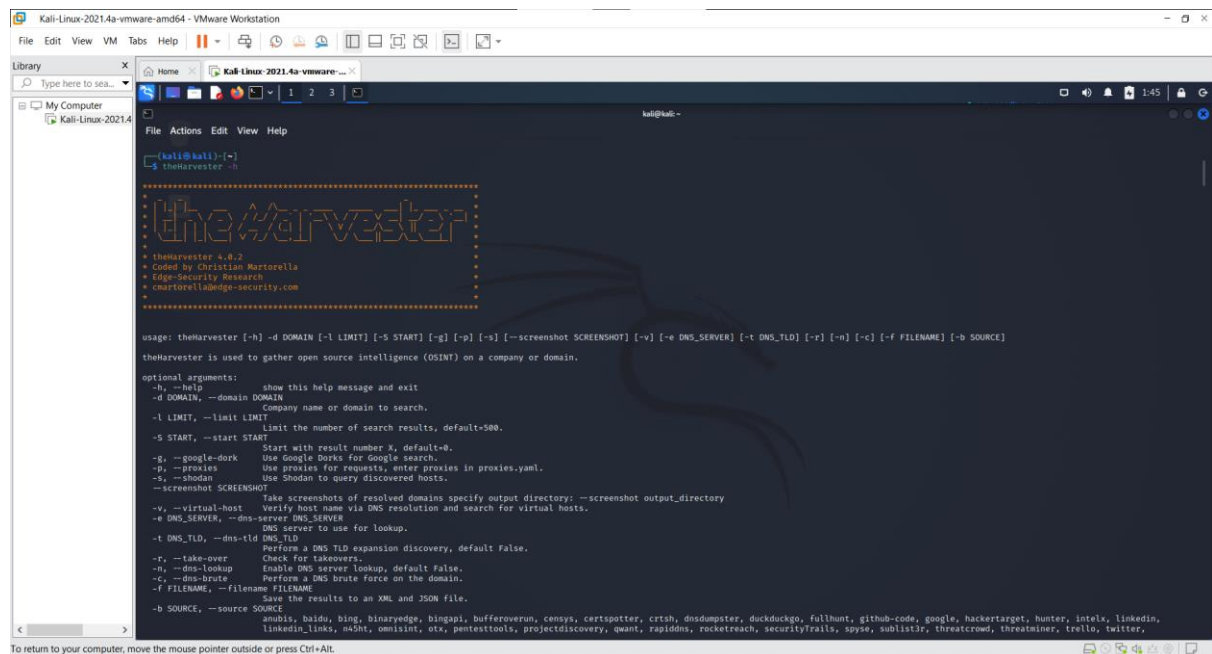


EXPERIMENT 1:

OUTPUT:



```
Kali-Linux-2021.4a-vmware-amd64 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Kali-Linux-2021.4
File Actions Edit View Help
kali@kali: ~
$ pwd
/home/kali
$ ls -la
total 136
drwxr-xr-x 15 kali kali 4096 Sep 27 01:26 .
drwxr-xr-x  3 root root 4096 Dec 19 2021 ..
-rw-r--r--  1 kali kali  1 Dec 19 2021 .bash_history
-rw-r--r--  1 kali kali 220 Dec 19 2021 .bash_logout
-rw-r--r--  1 kali kali 5149 Dec 19 2021 .bashrc
-rw-r--r--  1 kali kali 3526 Dec 19 2021 .bashrc.original
drwxr-xr-x  6 kali kali 4096 Sep 27 01:02 .cshrc
drwxr-xr-x  9 kali kali 4096 Dec 19 2021 .config
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Desktop
-rw-r--r--  1 kali kali  55 Dec 19 2021 .dirc
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Documents
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Downloads
-rw-r--r--  1 kali kali 11759 Dec 19 2021 .face
lrwxrwxrwx  1 kali kali  5 Dec 19 2021 .face.icon -> .face
drwxr-xr-x  3 kali kali 4096 Dec 19 2021 .gnome
-rw-r--r--  1 kali kali  0 Dec 19 2021 .ICAuthority
drwxr-xr-x  3 kali kali 4096 Dec 19 2021 .java
drwxr-xr-x  4 kali kali 4096 Dec 19 2021 .local
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Music
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Pictures
-rw-r--r--  1 kali kali  887 Dec 19 2021 .profile
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Public
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Templates
drwxr-xr-x  2 kali kali 4096 Dec 19 2021 .Videos
-rw-r--r--  1 kali kali 49 Sep 27 01:02 .xauthority
-rw-r--r--  1 kali kali 7417 Sep 27 01:25 .xsession-errors
-rw-r--r--  1 kali kali 8180 Dec 19 2021 .xsession-errors.old
-rw-r--r--  1 kali kali 122 Sep 27 01:25 .zsh_history
-rw-r--r--  1 kali kali 19044 Dec 19 2021 .zshrc
kali@kali: ~
$ theHarvester -h
theHarvester 4.0.2
Coded by Christian Martorella
```



```
Kali-Linux-2021.4a-vmware-amd64 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search
My Computer
Kali-Linux-2021.4
File Actions Edit View Help
kali@kali: ~
$ theHarvester -h
theHarvester 4.0.2
Coded by Christian Martorella
cmartorell@edge-security.com

usage: theHarvester [-h] [-d DOMAIN [-l LIMIT] [-s START] [-g] [-p] [-s] [-screenshot SCREENSHOT] [-v] [-e DNS_SERVER] [-t DNS_TLD] [-r] [-n] [-c] [-f FILENAME] [-b SOURCE]

theHarvester is used to gather open source intelligence (OSINT) on a company or domain.

optional arguments:
  -h, --help            show this help message and exit
  -d DOMAIN, --domain DOMAIN
                        Company name or domain to search.
  -l LIMIT, --limit LIMIT
                        Limit the number of search results, default=500.
  -s START, --start START
                        Start with result number X, default=0.
  -g, --google-dork      Use Google Dorks for Google search.
  -p, --proxies          Use proxies for requests, enter proxies in proxies.yaml.
  -s, --shodan          Use Shodan to query discovered hosts.
  --screenshot SCREENSHOT
                        Take screenshots of resolved domains specify output directory: --screenshot output_directory
  -v, --virtual-host     Verify host name via DNS resolution and search for virtual hosts.
  -e DNS_SERVER, --dns-server DNS_SERVER
                        DNS server to use for lookup.
  -t DNS_TLD, --dns-tld DNS_TLD
                        Perform a DNS TLD expansion discovery, default False.
  -r, --take-over        Check for takeovers.
  -n, --dns-lookup       Enable DNS server lookup, default False.
  -c, --dns-brute        Perform a DNS brute force on the domain.
  -f FILENAME, --filename FILENAME
                        Save the results to an XML and JSON file.
  -b SOURCE, --source SOURCE
                        amavis, baidu, Bing, binaryedge, BingAPI, bufferoverrun, censys, certspotter, crtsh, dnshunter, duckduckgo, fullhunt, github-code, google, hackertarget, hunter, intelx, linkedin,
                        linkedin_links, m3ht, omnisint, otx, pentesttools, projectdiscovery, quant, rapidms, rocketreach, security/raib, spyse, sublist3r, threatcrowd, threatminer, trello, twitter,
                        ...

To return to your computer, move the mouse pointer outside or press Ctrl+Alt.
```

