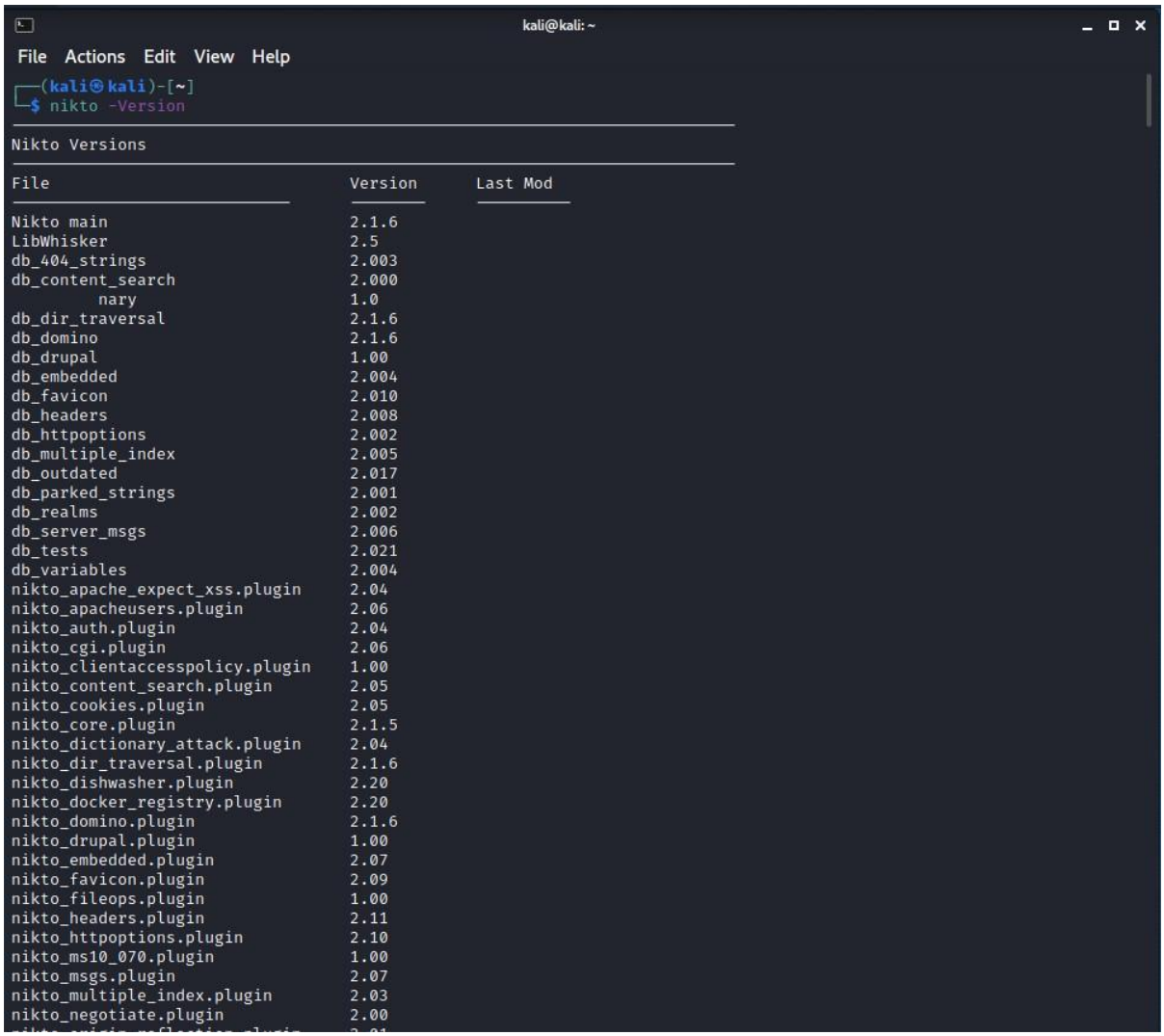
Practical 2: Vulnerability Scanning using Nikto in Kali Linux



F-006

```
┌──(kali㉿kali)-[~]
└─$ nikto -dbcheck
Syntax Check: /var/lib/nikto/databases/db_variables
        38 entries
Syntax Check: /var/lib/nikto/databases/db_favicon
        358 entries
Syntax Check: /var/lib/nikto/databases/db_parked_strings
        8 entries
Syntax Check: /var/lib/nikto/databases/db_dictionary
        1825 entries
Syntax Check: /var/lib/nikto/databases/db_outdated
        1254 entries
Syntax Check: /var/lib/nikto/databases/db_404_strings
        39 entries
Syntax Check: /var/lib/nikto/databases/db_content_search
        19 entries
Syntax Check: /var/lib/nikto/databases/db_tests
        6897 entries
Syntax Check: /var/lib/nikto/databases/db_embedded
        16 entries
Syntax Check: /var/lib/nikto/databases/db_multiple_index
        36 entries
Syntax Check: /var/lib/nikto/databases/db_httpoptions
        12 entries
Syntax Check: /var/lib/nikto/databases/db_realms
        170 entries
Syntax Check: /var/lib/nikto/databases/db_headers
        98 entries
Syntax Check: /var/lib/nikto/databases/db_drupal
        6244 entries
Syntax Check: /var/lib/nikto/databases/db_domino
        274 entries
Syntax Check: /var/lib/nikto/databases/db_dir_traversal
        1 entries
Syntax Check: /var/lib/nikto/databases/db_server_msgs
        261 entries
Checking plugins for duplicate test IDs

Some (probably) open IDs: 000029, 000137, 000326, 000407, 000427, 000429, 000430
```

```
┌──(kali㉿kali)-[~]
└─$ nikto --host 162.159.152.4
- Nikto v2.1.6
---------------------------------------------------------------------------
+ Target IP:          162.159.152.4
+ Target Hostname:    162.159.152.4
+ Target Port:        80
+ Start Time:         2024-07-27 01:06:20 (GMT-4)
---------------------------------------------------------------------------
+ Server: cloudflare
+ The X-XSS-Protection header is not defined. This header can hint to the user agent to protect against some forms
of XSS
+ The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site i
n a different fashion to the MIME type
+ All CGI directories 'found', use '-C none' to test none
+ ERROR: Error limit (20) reached for host, giving up. Last error: error reading HTTP response
+ Scan terminated:  20 error(s) and 2 item(s) reported on remote host
+ End Time:           2024-07-27 01:06:31 (GMT-4) (11 seconds)
---------------------------------------------------------------------------
+ 1 host(s) tested
```

F-006

```
┌──(kali㉿kali)-[~]
└─$ nikto -h medium.com -ssl
- Nikto v2.1.6
---------------------------------------------------------------------------
+ Target IP:          162.159.153.4
+ Target Hostname:    medium.com
+ Target Port:        443
---------------------------------------------------------------------------
+ SSL Info:        Subject:  /C=US/ST=California/L=San Francisco/O=Cloudflare, Inc./CN=medium.com
                   Ciphers:  TLS_AES_256_GCM_SHA384
                   Issuer:   /C=IN/CN=svkm.ac.in
+ Message:            Multiple IP addresses found: 162.159.153.4, 162.159.152.4
+ Start Time:         2024-07-27 01:08:57 (GMT-4)
---------------------------------------------------------------------------
+ Server: cloudflare
+ The X-XSS-Protection header is not defined. This header can hint to the user agent to protect against some forms
of XSS
+ Uncommon header 'alt-svc' found, with contents: h3=":443"; ma=86400
+ The site uses SSL and Expect-CT header is not present.
+ All CGI directories 'found', use '-C none' to test none
+ The Content-Encoding header is set to "deflate" this may mean that the server is vulnerable to the BREACH attack.
+ ERROR: Error limit (20) reached for host, giving up. Last error:
+ ERROR: Error limit (20) reached for host, giving up. Last error:
+ ERROR: Error limit (20) reached for host, giving up. Last error:
+ ERROR: Error limit (20) reached for host, giving up. Last error:
+ ERROR: Error limit (20) reached for host, giving up. Last error:
+ Scan terminated:  18 error(s) and 4 item(s) reported on remote host
+ End Time:           2024-07-27 01:09:19 (GMT-4) (22 seconds)
---------------------------------------------------------------------------
+ 1 host(s) tested
```

```
┌──(kali㉿kali)-[~]
└─$ nikto -h 162.159.152.4 --port 80
- Nikto v2.1.6
---------------------------------------------------------------------------
+ Target IP:          162.159.152.4
+ Target Hostname:    162.159.152.4
+ Target Port:        80
+ Start Time:         2024-07-27 01:13:59 (GMT-4)
---------------------------------------------------------------------------
+ Server: cloudflare
+ The X-XSS-Protection header is not defined. This header can hint to the user agent to protect against some forms
of XSS
+ The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site i
n a different fashion to the MIME type
+ All CGI directories 'found', use '-C none' to test none
+ ERROR: Error limit (20) reached for host, giving up. Last error: error reading HTTP response
+ Scan terminated:  20 error(s) and 2 item(s) reported on remote host
+ End Time:           2024-07-27 01:14:09 (GMT-4) (10 seconds)
---------------------------------------------------------------------------
+ 1 host(s) tested
```