GOVERNMENT POLYTECHNIC UDUPI

Name: pooja

Register.no:145CS20010

Task report:3

1)Johntheripper

John the ripper is a tool designed to help systems administrators to find weak (easy to guess or crack through brute force) passwords, and even automatically mail users warning them about it, if it is desired.

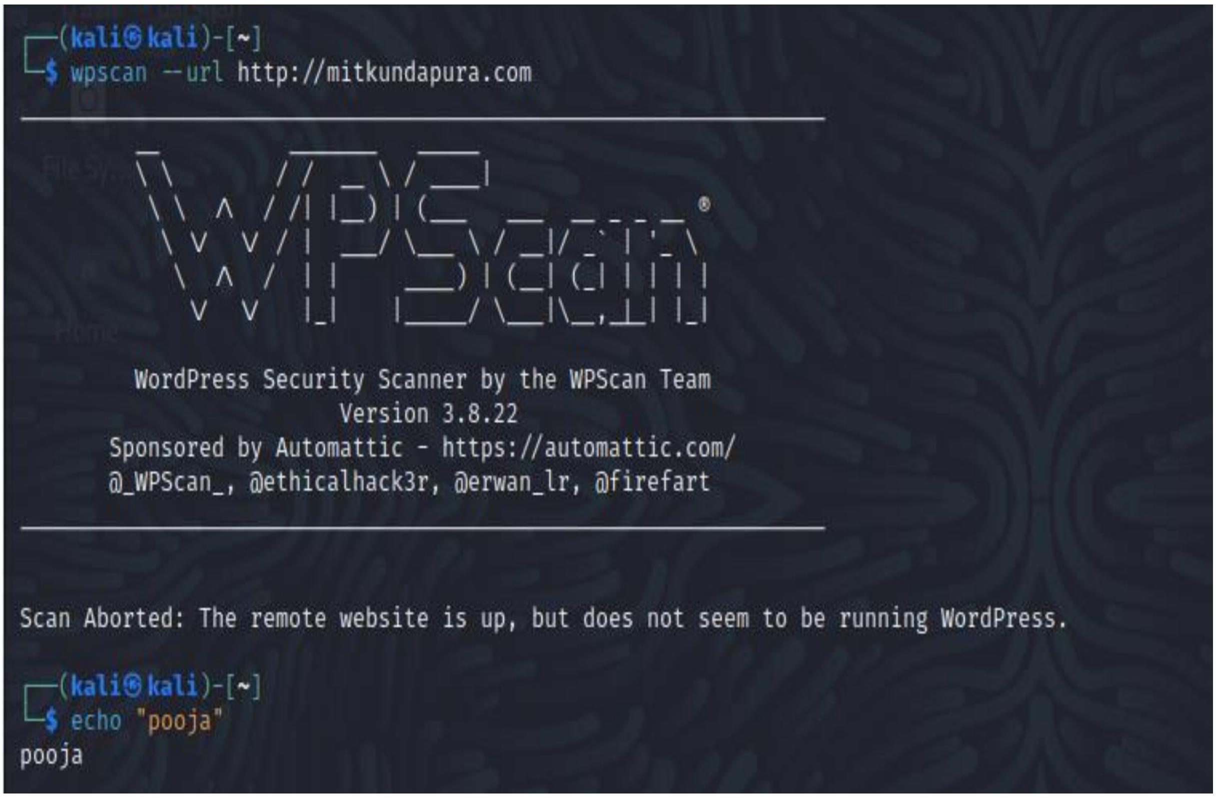
It used in the enterprise to detect weak passwords that could put network security at risk, as well as other administrative purposes.

2)wpscan

Wpscan (wordpress scan) is a vulnerability scanning tool, this scanner tool scans for vulnerabilities in website that run wordpress web engine. The wpscan tool itself isn’t a malicious tool, as it is only for reconnaissance against a particular site. This tool can be used t find any vulnerable plugins, themes, or backups running on the site.

Command: Vulnerability scan in url

# wpscan --url http://mitkundapura.com



```
┌──(kali㉿kali)-[~]
└─$ wpscan --url http://mitkundapura.com
_______________________________________________________________
         __          _______   _____
         \ \        / /  __ \ / ____|
          \ \  /\  / /| |__) | (___   ___  __ _ _ __ ®
           \ \/  \/ / |  ___/ \___ \ / __|/ _` | '_ \
            \  /\  /  | |     ____) | (__| (_| | | | |
             \/  \/   |_|    |_____/ \___|\__,_|_| |_|

         WordPress Security Scanner by the WPScan Team
                         Version 3.8.22
       Sponsored by Automattic - https://automattic.com/
       @_WPScan_, @ethicalhack3r, @erwan_lr, @firefart
_______________________________________________________________

Scan Aborted: The remote website is up, but does not seem to be running WordPress.

┌──(kali㉿kali)-[~]
└─$ echo "pooja"
pooja
```

3)dirb

DIRB is a web content scanner. It looks for existing (and/or hidden) web objects. It basically works by launching a dictionary based attack against a web server and analyzing the responses.

Command:

- **# dirb https://mitkundapura.com**

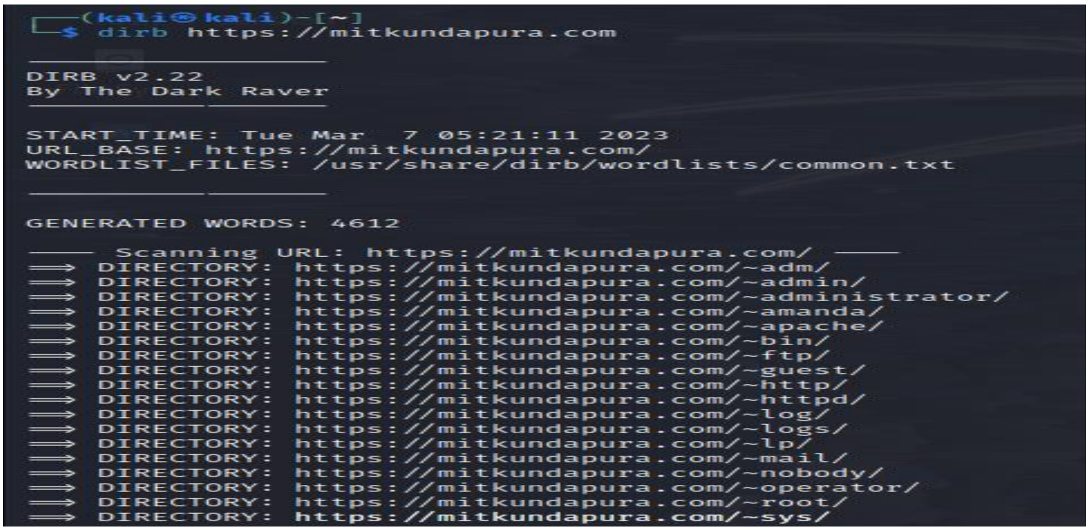
- **save the output in a file.**

  # dirb https://mitkundapura.com /user/share/dirb/ wordlist/common.txt -o file.txt

# dirb https://mitkundapura.com /user/share/dirb/ wordlist/common.txt dsgtdr.txt

- **Generate dictionary incrementally**

  #dirb-gendict -h



```
┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com

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DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Tue Mar  7 05:21:11 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

-----------------

GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
==> DIRECTORY: https://mitkundapura.com/~adm/
==> DIRECTORY: https://mitkundapura.com/~admin/
==> DIRECTORY: https://mitkundapura.com/~administrator/
==> DIRECTORY: https://mitkundapura.com/~amanda/
==> DIRECTORY: https://mitkundapura.com/~apache/
==> DIRECTORY: https://mitkundapura.com/~bin/
==> DIRECTORY: https://mitkundapura.com/~ftp/
==> DIRECTORY: https://mitkundapura.com/~guest/
==> DIRECTORY: https://mitkundapura.com/~http/
==> DIRECTORY: https://mitkundapura.com/~httpd/
==> DIRECTORY: https://mitkundapura.com/~log/
==> DIRECTORY: https://mitkundapura.com/~logs/
==> DIRECTORY: https://mitkundapura.com/~lp/
==> DIRECTORY: https://mitkundapura.com/~mail/
==> DIRECTORY: https://mitkundapura.com/~nobody/
==> DIRECTORY: https://mitkundapura.com/~operator/
==> DIRECTORY: https://mitkundapura.com/~root/
==> DIRECTORY: https://mitkundapura.com/~sys/
```
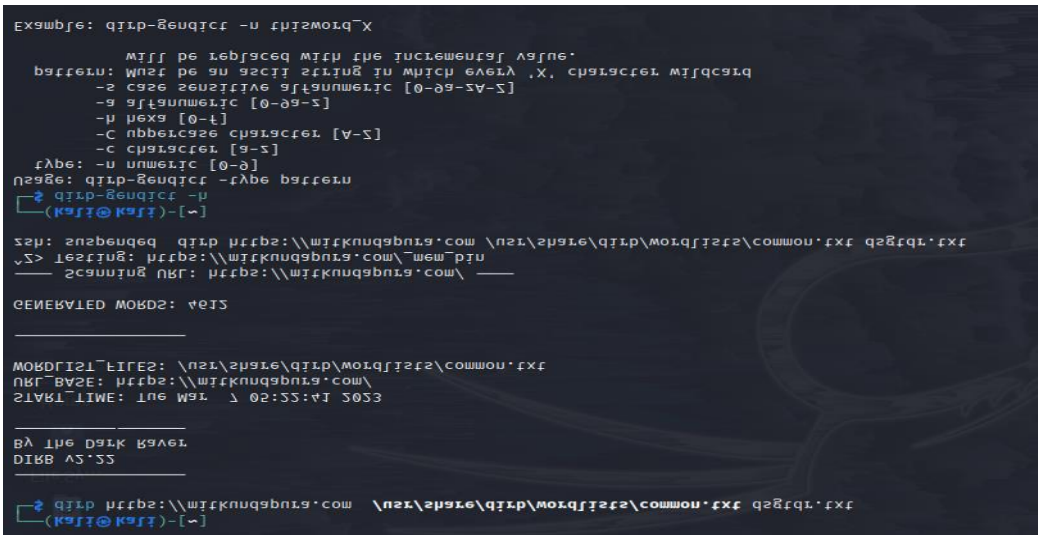
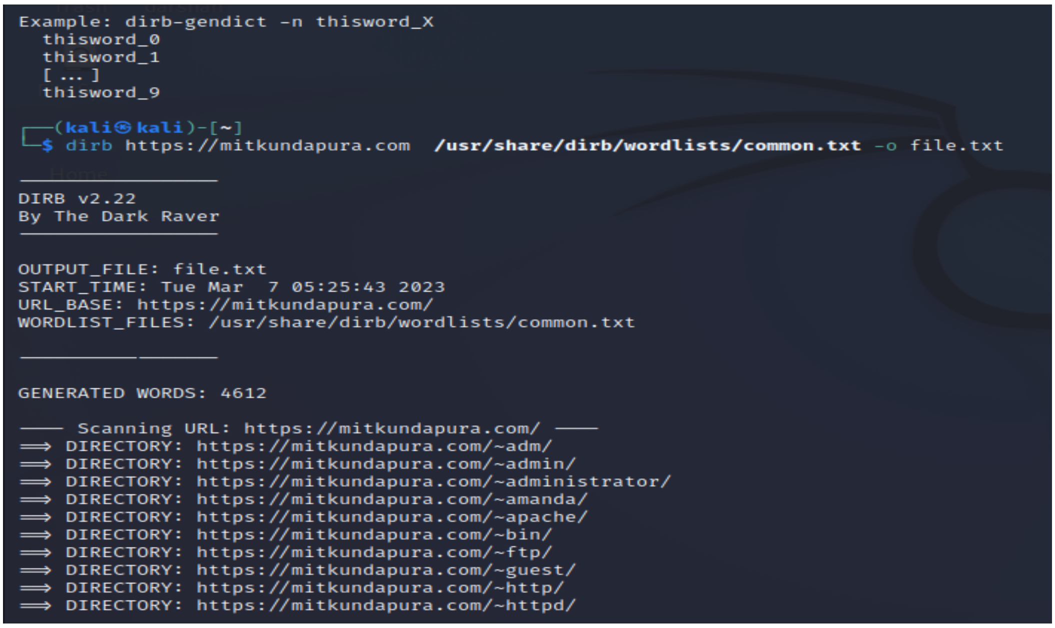
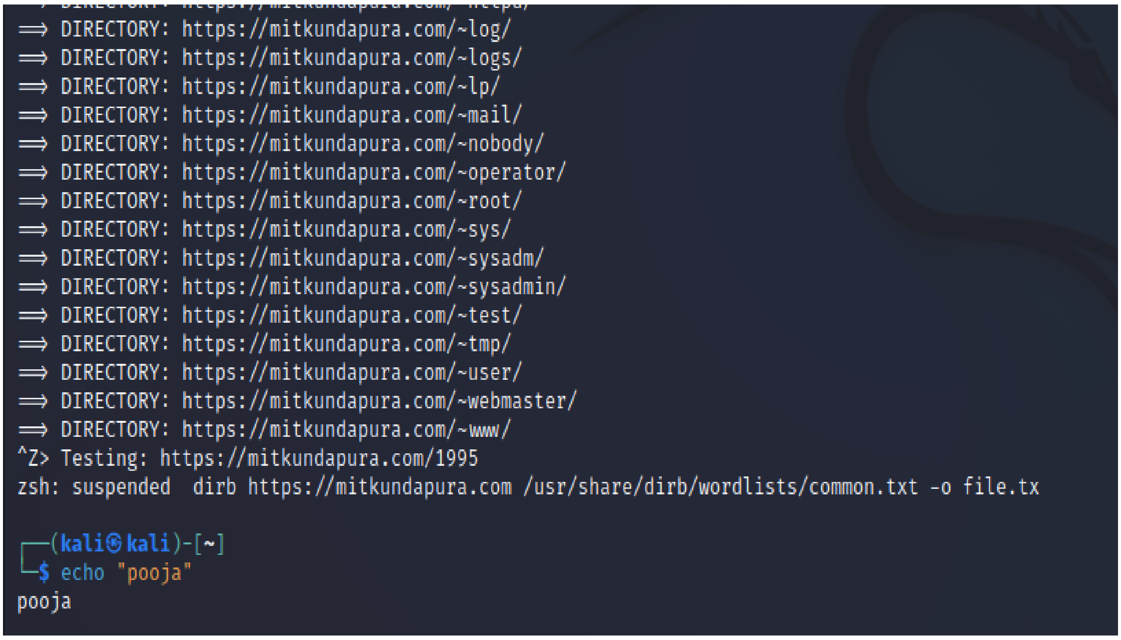



```
┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com  /usr/share/dirb/wordlists/common.txt dsgfdr.txt

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Tue Mar  7 05:22:41 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

-----------------

GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
^Z> Testing: https://mitkundapura.com/_mem_bin
zsh: suspended  dirb https://mitkundapura.com /usr/share/dirb/wordlists/common.txt dsgfdr.txt

┌──(kali㉿kali)-[~]
└─$ dirb-gendict -h
Usage: dirb-gendict -type pattern
  type: -n numeric [0-9]
        -c character [a-z]
        -C uppercase character [A-Z]
        -h hexa [0-f]
        -a alfanumeric [0-9a-z]
        -s case sensitive alfanumeric [0-9a-zA-Z]
  pattern: Must be an ascii string in which every 'X' character wildcard
           will be replaced with the incremental value.

Example: dirb-gendict -n thisword_X
```



```
Example: dirb-gendict -n thisword_X
  thisword_0
  thisword_1
  [ ... ]
  thisword_9

┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com  /usr/share/dirb/wordlists/common.txt -o file.txt

-----------------
DIRB v2.22
By The Dark Raver
-----------------

OUTPUT_FILE: file.txt
START_TIME: Tue Mar  7 05:25:43 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

-----------------

GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
==> DIRECTORY: https://mitkundapura.com/~adm/
==> DIRECTORY: https://mitkundapura.com/~admin/
==> DIRECTORY: https://mitkundapura.com/~administrator/
==> DIRECTORY: https://mitkundapura.com/~amanda/
==> DIRECTORY: https://mitkundapura.com/~apache/
==> DIRECTORY: https://mitkundapura.com/~bin/
==> DIRECTORY: https://mitkundapura.com/~ftp/
==> DIRECTORY: https://mitkundapura.com/~guest/
==> DIRECTORY: https://mitkundapura.com/~http/
==> DIRECTORY: https://mitkundapura.com/~httpd/
```



```
⟹ DIRECTORY: https://mitkundapura.com/~httpd/
⟹ DIRECTORY: https://mitkundapura.com/~log/
⟹ DIRECTORY: https://mitkundapura.com/~logs/
⟹ DIRECTORY: https://mitkundapura.com/~lp/
⟹ DIRECTORY: https://mitkundapura.com/~mail/
⟹ DIRECTORY: https://mitkundapura.com/~nobody/
⟹ DIRECTORY: https://mitkundapura.com/~operator/
⟹ DIRECTORY: https://mitkundapura.com/~root/
⟹ DIRECTORY: https://mitkundapura.com/~sys/
⟹ DIRECTORY: https://mitkundapura.com/~sysadm/
⟹ DIRECTORY: https://mitkundapura.com/~sysadmin/
⟹ DIRECTORY: https://mitkundapura.com/~test/
⟹ DIRECTORY: https://mitkundapura.com/~tmp/
⟹ DIRECTORY: https://mitkundapura.com/~user/
⟹ DIRECTORY: https://mitkundapura.com/~webmaster/
⟹ DIRECTORY: https://mitkundapura.com/~www/
^Z> Testing: https://mitkundapura.com/1995
zsh: suspended  dirb https://mitkundapura.com /usr/share/dirb/wordlists/common.txt -o file.tx

┌──(kali㉿kali)-[~]
└─$ echo "pooja"
pooja
```

4)Searchsploit

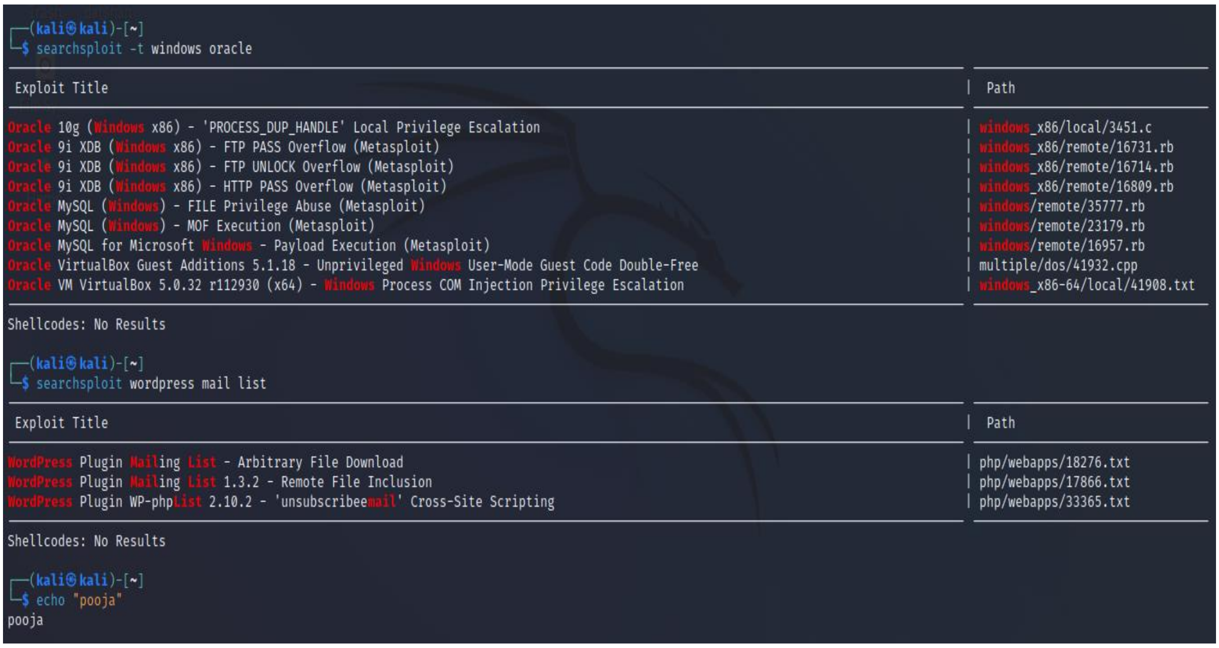
Searchsploit is a command line se arch tool for exploit data base that allows you to take a copy of the exploit data base with you. searchsploit is very useful for security assessment when you don’t have internet access because it gives you the power to perform detailed offline searches for exploit in the saved exploit data base.

Command:

- **Searches can be restricted to the titles by using the -t option:**

  # searchsploit -t windows oracle

- **# searchspolit wordpress mail list**



```
┌──(kali㉿kali)-[~]
└─$ searchsploit -t windows oracle
---------------------------------------------------------------------------------------------------------------- ---------------------------------
 Exploit Title                                                                                                  |  Path
---------------------------------------------------------------------------------------------------------------- ---------------------------------
Oracle 10g (Windows x86) - 'PROCESS_DUP_HANDLE' Local Privilege Escalation                                      | windows_x86/local/3451.c
Oracle 9i XDB (Windows x86) - FTP PASS Overflow (Metasploit)                                                    | windows_x86/remote/16731.rb
Oracle 9i XDB (Windows x86) - FTP UNLOCK Overflow (Metasploit)                                                  | windows_x86/remote/16714.rb
Oracle 9i XDB (Windows x86) - HTTP PASS Overflow (Metasploit)                                                   | windows_x86/remote/16809.rb
Oracle MySQL (Windows) - FILE Privilege Abuse (Metasploit)                                                      | windows/remote/35777.rb
Oracle MySQL (Windows) - MOF Execution (Metasploit)                                                             | windows/remote/23179.rb
Oracle MySQL for Microsoft Windows - Payload Execution (Metasploit)                                             | windows/remote/16957.rb
Oracle VirtualBox Guest Additions 5.1.18 - Unprivileged Windows User-Mode Guest Code Double-Free                | multiple/dos/41932.cpp
Oracle VM VirtualBox 5.0.32 r112930 (x64) - Windows Process COM Injection Privilege Escalation                  | windows_x86-64/local/41908.txt
---------------------------------------------------------------------------------------------------------------- ---------------------------------
Shellcodes: No Results

┌──(kali㉿kali)-[~]
└─$ searchsploit wordpress mail list
---------------------------------------------------------------------------------------------------------------- ---------------------------------
 Exploit Title                                                                                                  |  Path
---------------------------------------------------------------------------------------------------------------- ---------------------------------
WordPress Plugin Mailing List - Arbitrary File Download                                                         | php/webapps/18276.txt
WordPress Plugin Mailing List 1.3.2 - Remote File Inclusion                                                     | php/webapps/17866.txt
WordPress Plugin WP-phpList 2.10.2 - 'unsubscribeemail' Cross-Site Scripting                                    | php/webapps/33365.txt
---------------------------------------------------------------------------------------------------------------- ---------------------------------
Shellcodes: No Results

┌──(kali㉿kali)-[~]
└─$ echo "pooja"
pooja
```

5)weevely

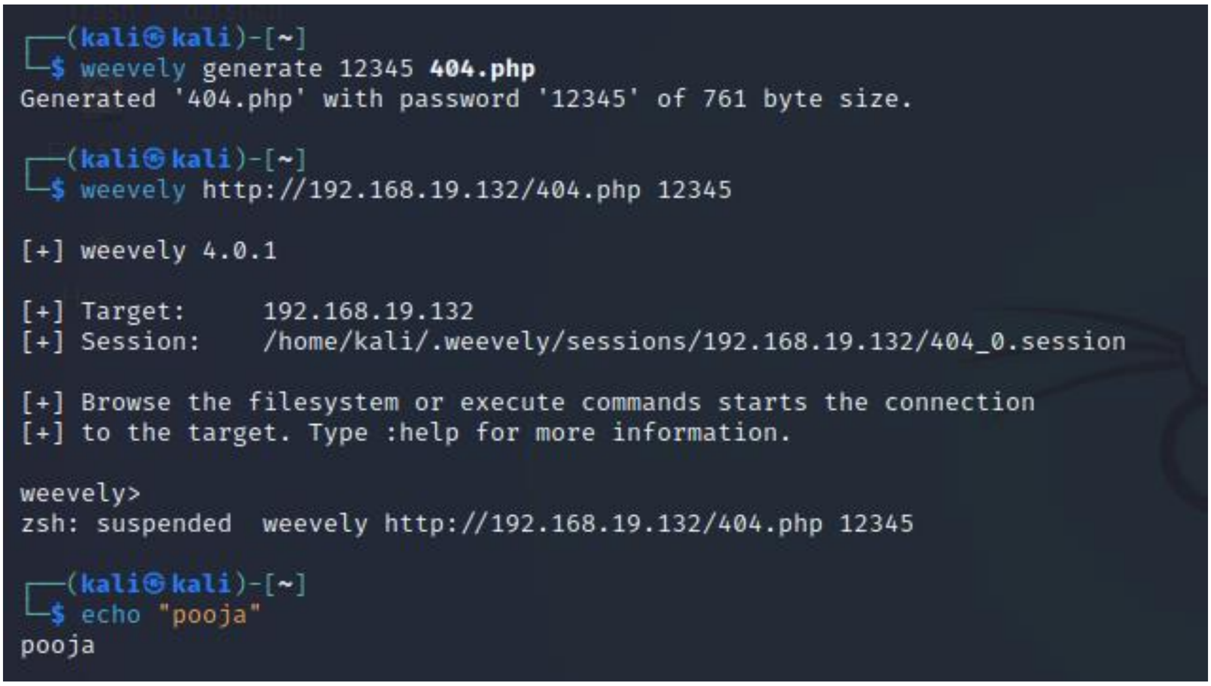
Weevely is a stealth PHP web shell that simulate telnet-like connection. It is an essential tool for web application post exploitation, and can be used as stealth backdoor or as a web shell to manage legit web accounts, even free hosted ones.

Command:

- **Generate PHP backdoor with weevely tool**

  # weevely generate 12345 404.php

- **weevely http://192.168.19.132/404.php 12345**



```
┌──(kali㉿kali)-[~]
└─$ weevely generate 12345 404.php
Generated '404.php' with password '12345' of 761 byte size.

┌──(kali㉿kali)-[~]
└─$ weevely http://192.168.19.132/404.php 12345

[+] weevely 4.0.1

[+] Target:     192.168.19.132
[+] Session:    /home/kali/.weevely/sessions/192.168.19.132/404_0.session

[+] Browse the filesystem or execute commands starts the connection
[+] to the target. Type :help for more information.

weevely>
zsh: suspended  weevely http://192.168.19.132/404.php 12345

┌──(kali㉿kali)-[~]
└─$ echo "pooja"
pooja
```