

Windows Forensics

Project By Stas Kolbeshkin

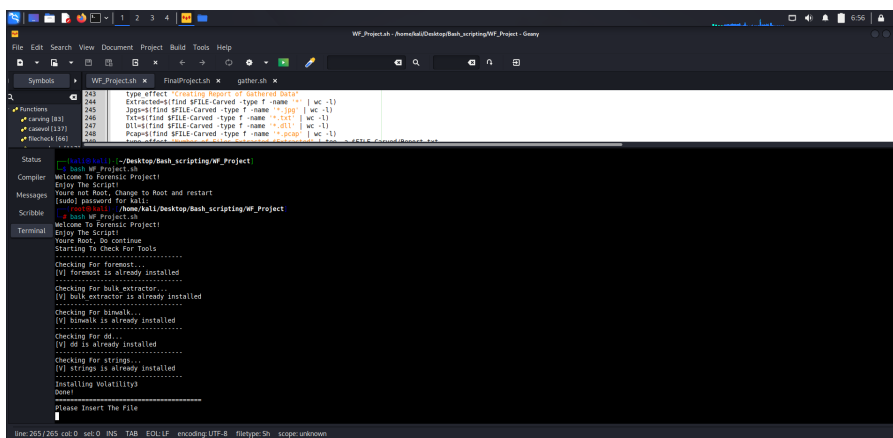
Course ID 7736/31

As part of the studying I was tasked to summarize my knowledge which acquired by attending the classes into automated script of collecting data from various files using various programs.

The project himself have been found enriching by himself, if its founding various versions of OS cannot be reached by some programs or some of the features cannot be accomplished in some of them, all of this knowledge of gathering different pieces of information combined with previous knowledge acquired help me understand more the role of the Cyber Security proffesion.

With the help of our Teacher Doron Zohar I accomplished another step into the amazing word of Cyber security!

Here are a few pictures of the project!

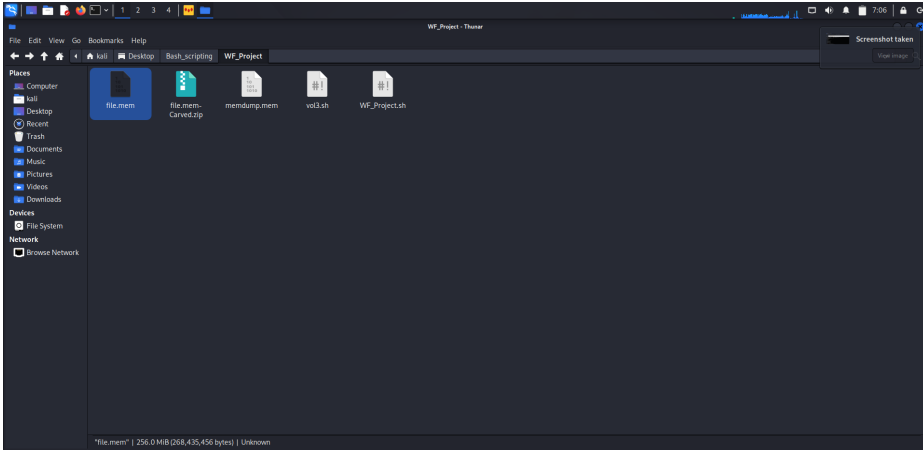
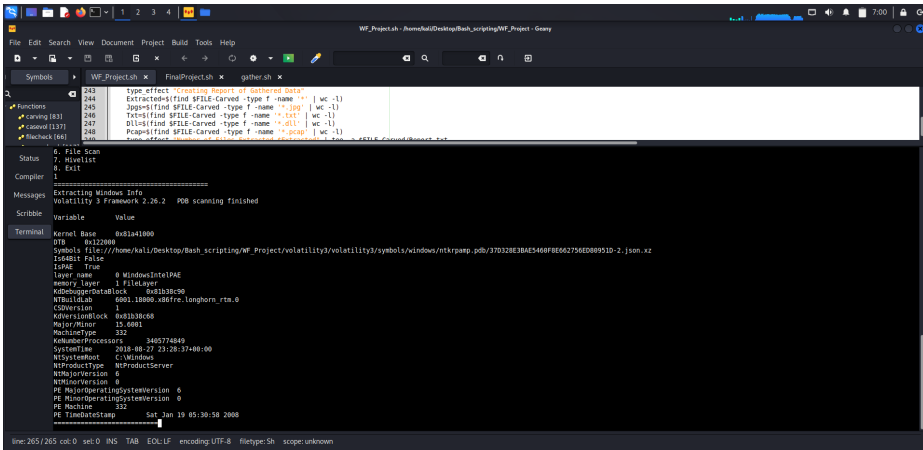
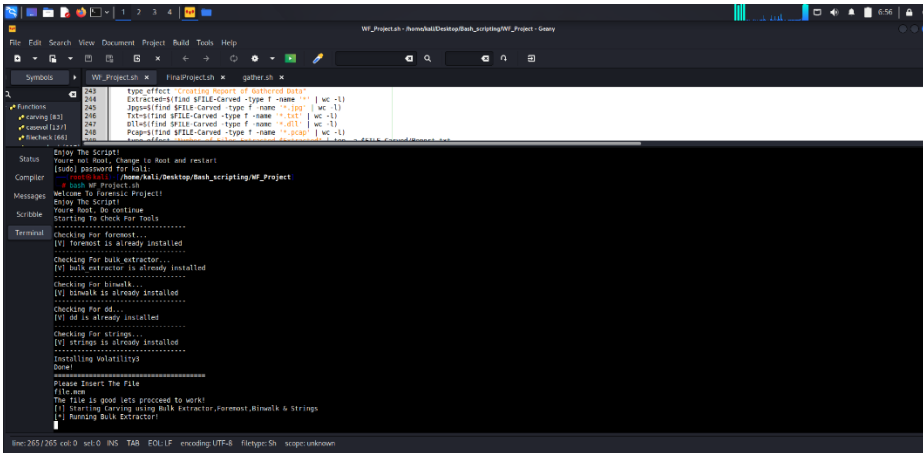


```
File Edit Search View Document Project Build Tools Help
WP_Project - /home/stas/Desktop/Bash_scripting/WP_Project - Garry

Symbols
WP_Project.sh
Functions
carving [83]
control [237]
hashcheck [66]
243 Type effect - creating hashes of all hashes data
244 Extracted file names - type f - name -- [ wc -l ]
245 Digest file names - type f - name -- [ wc -l ]
246 Text file names - type f - name -- [ wc -l ]
247 Digest file names - type f - name -- [ wc -l ]
248 Password file names - type f - name -- [ wc -l ]

Status
Desktop/Bash_scripting/WP_Project
bash WP_Project.sh
Compiler
Welcome to Forensic Project!
Enjoy The Script!
Messages
Have fun! Now, Change to Root and restart
[sudo] password for kali:
Script
bash WP_Project.sh
Welcome to Forensic Project!
Enjoy The Script!
Have fun! Now, Change to Root and restart
Starting To Check For Tools
Checking for forensic...
[V] forensic is already installed
Checking for bulk_extractor...
[V] bulk_extractor is already installed
Checking for binwalk...
[V] binwalk is already installed
Checking for dd...
[V] dd is already installed
Checking for strings...
[V] strings is already installed
Installing Volatility...
Done!
Please Insert The File

Inc: 203/205 col: 0 sel: 0 TAB EDLUF encoding: UTF-8 Help: 30 script: unknown
```



```
File Edit Search View Document Project Build Tools Help
WF_ProjectLab - BenchBot(DatayBot_scripts\WF_Project - Gary

Symbols WF_ProjectLab x FlatProjectLab x gather.sh x

251 Type effect <Createin Report of Gathered Data>
254 Extracted(find SPILe Carved -type f -name "*" | wc -l)
255 Suppressed(find SPILe Carved -type f -name "*" | wc -l)
256 Total(find SPILe Carved -type f -name "*" | wc -l)
257 Diff(find SPILe Carved -type f -name "*" | wc -l)
258 Popups(find SPILe Carved -type f -name "*" | wc -l)
259

Status
@wf7730 TCPv4 0.0.0.0 1033 0.0.0.0 LISTENING 832 lsass.exe N/A
@wf7730 TCPv4 0.0.0.0 1033 0 LISTENING 832 svchost.exe 2018-08-27 23:26:58.000000 UTC
@wf7730 UDPv4 0.0.0.0 0 0 1324 svchost.exe 2018-08-27 23:26:58.000000 UTC
@wf7730 UDPv4 0.0.0.0 0 0 1324 svchost.exe 2018-08-27 23:26:58.000000 UTC
@wf7730 TCPv4 0.0.0.0 1020 0.0.0.0 LISTENING 1324 svchost.exe N/A
@wf7730 TCPv4 0.0.0.0 1020 0 LISTENING 1324 svchost.exe N/A
@wf7730 TCPv4 0.0.0.0 1020 0.0.0.0 LISTENING 1324 svchost.exe N/A
@wf7730 UDPv4 0.0.0.0 123 0 8906 svchost.exe 2018-08-27 23:26:51.000000 UTC

Messages
@wf7730

Scriptable
@wf7730

Terminal
[Welcome To Wella Moral]
Please Choose what would you like to know
The Output will be saved in the text format in the created Directory
1. Windows info
2. Running Processes
3. Terminated Processes
4. All's
5. Netcat
6. File Scan
7. Hivelist
8. Exit
9

Exiting.....
Creating Report of Gathered Data
Number of Files Extracted 3227
Number of Apps Extracted : 1
Number of Logs Extracted : 88
Number of Pifs Extracted : 255
Number of Pcap Files Extracted : 1
Duration of the Script in Second 135
Creating Zip File of Data
[

New 265/265 out 0 - win 0 - INS TAB FOLIF encoding UTF-8 Flangen-9h - script unknown
```