

Name : MUGISHA Pascal

Module : Linux Fundamental

Project Name : Info Extractor

Group : RW_CODING_ACADEMY_II

Student Code : S25

How to run

Step(1) – running the bash file infoExtractor.sh

Image of output

PATH=/usr/local/sbin:/usr/sbin:/sbin:/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin:/home/pascal/.dotnet/tools:/snap/bin

(pascal@kali) [~/Documents/cybersecurity]

\$./project.sh

=== System Metrics ===

1. Linux Version
2. Network Details
3. Disk Statistics
4. Top 5 Largest Directories
5. Monitor CPU Usage (Real-time)
6. Exit

Choose an option: 1

Kali GNU/Linux Rolling

Press Enter to return to the main menu or type 'exit' to quit:

=== System Metrics ===

1. Linux Version
2. Network Details
3. Disk Statistics
4. Top 5 Largest Directories
5. Monitor CPU Usage (Real-time)
6. Exit

Choose an option: 2

Private IP address: 10.5.222.104

Public IP address: 197.243.118.202

Default Gateway: 10.5.220.1

Press Enter to return to the main menu or type 'exit' to quit:

=== System Metrics ===

1. Linux Version
2. Network Details
3. Disk Statistics
4. Top 5 Largest Directories
5. Monitor CPU Usage (Real-time)
6. Exit

Choose an option: 3

Filesystem: /dev/sda1

Size: 100G

Used: 50G

Available: 50G

Usage: 50%

Press Enter to return to the main menu or type 'exit' to quit:

=== System Metrics ===

1. Linux Version
2. Network Details
3. Disk Statistics
4. Top 5 Largest Directories
5. Monitor CPU Usage (Real-time)
6. Exit

Choose an option: 4

97G /

57G /home/pascal

57G /home

23G /home/pascal/Videos

19G /home/pascal/Videos/movies/full movies

Press Enter to return to the main menu or type 'exit' to quit:

=== System Metrics ===

1. Linux Version
2. Network Details
3. Disk Statistics
4. Top 5 Largest Directories
5. Monitor CPU Usage (Real-time)
6. Exit

Choose an option: 5

CPU Usage: 6%

CPU Usage: 0.8%

CPU Usage: 4.6%

CPU Usage: 5.3%

CPU Usage: 9.7%

CPU Usage: 23%

CPU Usage: 3.8%

^C

(pascal@kali) [~/Documents/cybersecurity]

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