EXPLORING WINDOWS SYSTEM TOOLS AND CONFIGURATION:

WINDOWS FUNDAMENTALS 2

**EXP.NO: 1(b)**   **DATE: 21-01-2025**

AIM:

      To explore and understand essential Windows system tools and configurations, including System Configuration (MSConfig), User Account Control (UAC), Computer Management, System Information, Resource Monitor, Command Prompt, and the Registry Editor.

ALGORITHM:

1. Access the lab in TryHackMe platform using the link below- https://tryhackme.com/r/room/windowsfundamentals2x0x

2. Click Start a Machine and AttackBox to run the instance of Kali Windows distribution.

3. Solve the task questions start with Windows System Configuration utility with five tabs-General-Boot- Services-Startup-Tools.

4. Go to System Configuration – User Account Control - How to change the UAC setting ?

5. Select System Configuration –Computer Management –System Tools, Storage and Services and Applications.

6. Explore System Information – Hardware Resources –Components – Software Environment – Environment Variables.

7. Explore about Resource Monitor – CPU – Disk – Network – Memory.

8. Learn about Command Prompt - ipconfig – cls – netstat -Full command for Internet Protocol Configuration

9. Learn about Windows Registry –User Profile – Installed Application – Property Sheet Setting _ Hardware existing –Port Used – Registry Editor (regedit) .

OUTPUT:
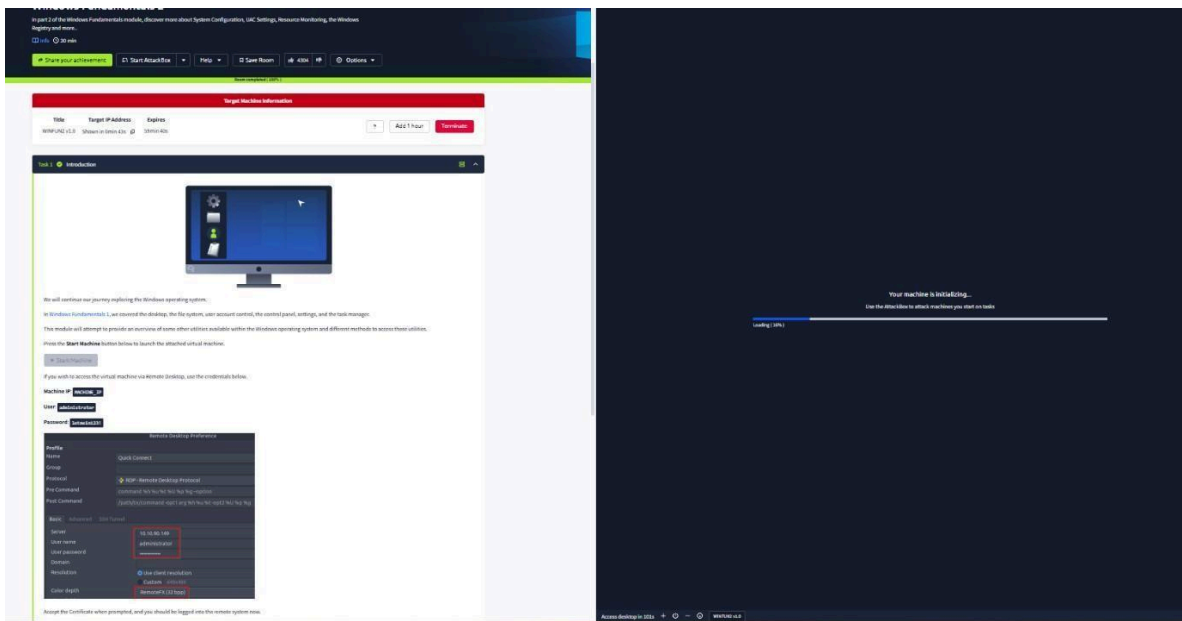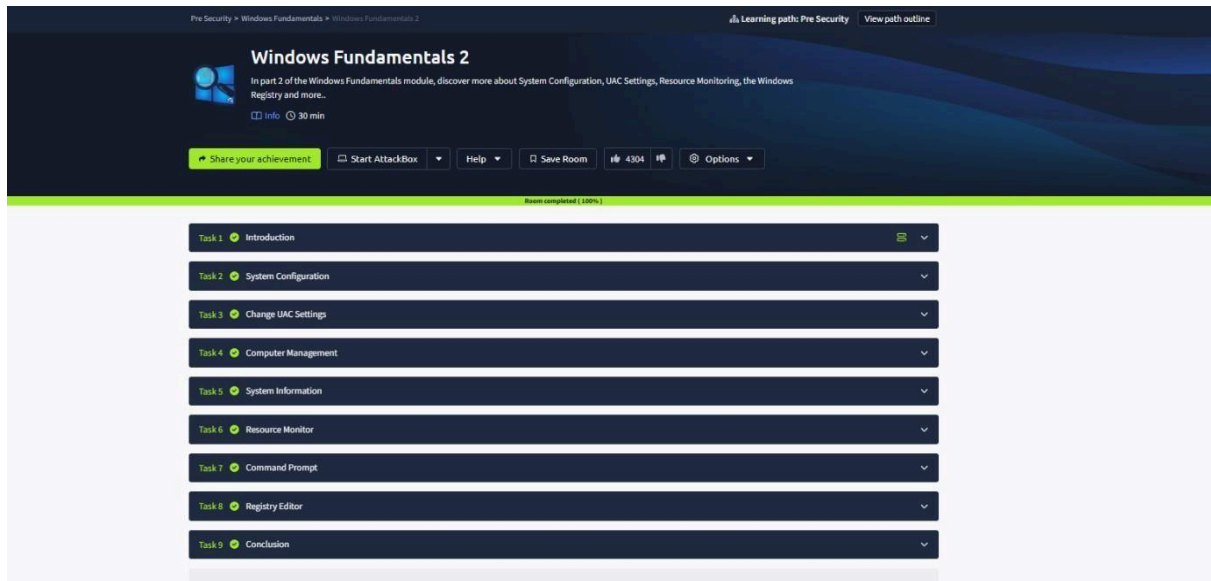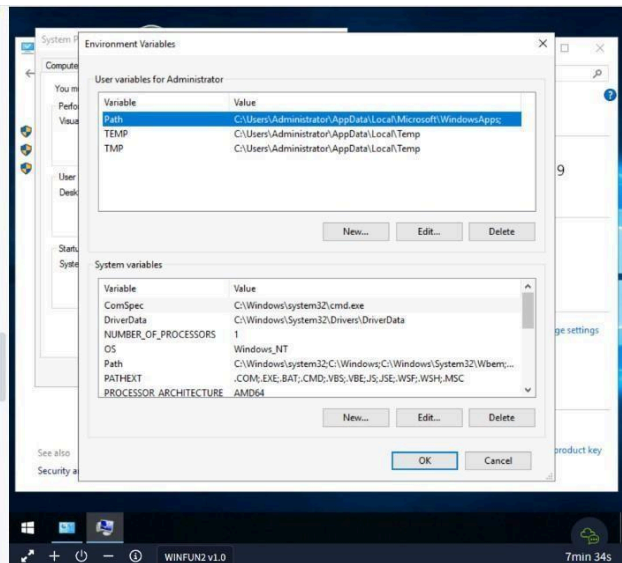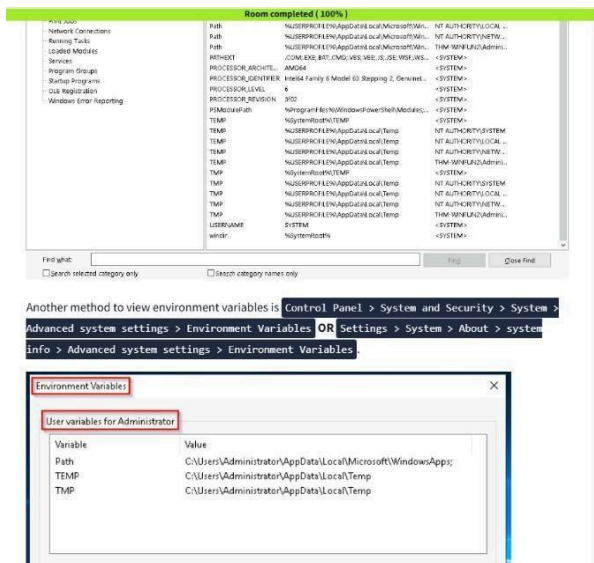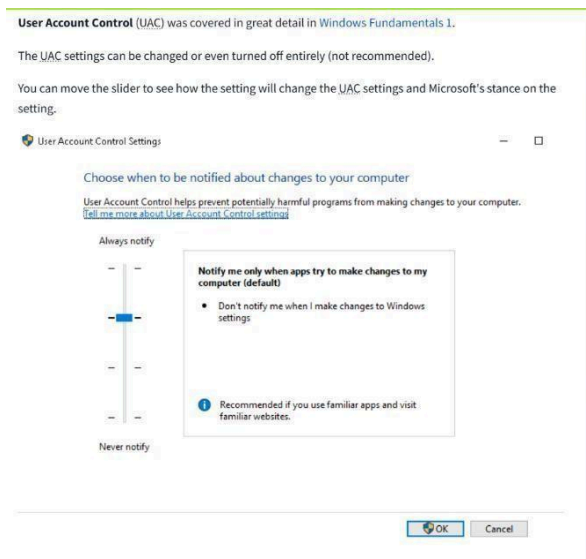
1. **System Configuration (MSConfig):** Used to manage startup programs and system boot settings.

2. **User Account Control (UAC):** Enhances security by controlling application permissions.

3. **Computer Management:** Provides access to system tools like Task Scheduler, Event Viewer, and Disk Management.

4. **System Information & Resource Monitor:** Helps monitor hardware and software components.

5. **Command Prompt:** A powerful tool for executing system commands and automating tasks.

6. **Registry Editor:** Allows modification of system settings and configurations.

Answer the questions below

What is the name of the service that lists Systems Internals as the manufacturer?

PsShutdown

✓ Correct Answer

Whom is the Windows license registered to?

Windows User

✓ Correct Answer

What is the command for Windows Troubleshooting?

C:\Windows\System32\control.exe /name Microsoft.Troubleshooting

✓ Correct Answer

What command will open the Control Panel? (The answer is the name of .exe, not the full path)

control.exe

✓ Correct Answer

What is the command to open Computer Management? (The answer is the name of the .msc file, not the full path)

compmgmt.msc

✓ Correct Answer

At what time every day is the GoogleUpdateTaskMachineUA task configured to run?

6:15 AM

✓ Correct Answer

What is the name of the hidden folder that is shared?

sh4r3dF0Ld3r

✓ Correct Answer

What is the command to open System Information? (The answer is the name of the .exe file, not the full path)

msinfo32.exe

✓ Correct Answer

What is listed under System Name?

THM-WINFUN2

✓ Correct Answer

Under Environment Variables, what is the value for ComSpec?

%SystemRoot%\system32\cmd.exe

✓ Correct Answer

What is the command to open Resource Monitor? (The answer is the name of the .exe file, not the full path)

resmon.exe

✓ Correct Answer

What is the command to open User Account Control Settings? (The answer is the name of the .exe file, not the full path)

UserAccountControlSettings.exe

✓ Correct Answer

In System Configuration, what is the full command for Internet Protocol Configuration?

| C:\Windows\System32\cmd.exe /k %windir%\system32\ipconfig.exe | ✓ Correct Answer |

For the ipconfig command, how do you show detailed information?

| ipconfig /all | ✓ Correct Answer |

What is the command to open the Registry Editor? (The answer is the name of the .exe file, not the full path)

| regedt32.exe | ✓ Correct Answer | ♀ Hint |

RESULT:

        This experiment provides a understanding of Windows system administration, performance monitoring, and troubleshooting techniques, which are essential skills for cybersecurity enthusiasts.