

## Task 2 :



The screenshot shows a list of three completed Windows Fundamentals modules. Each module is preceded by a green checkmark icon. The first module, 'Windows Fundamentals 1', includes the NTFS file system, UAC, and the Control Panel. The second module, 'Windows Fundamentals 2', includes Resource Monitoring and the Windows Firewall. The third module, 'Windows Fundamentals 3', includes device security features like Windows Update and Windows Defender.

Module	Topics Covered
Windows Fundamentals 1	the NTFS file system, UAC, the Control Panel
Windows Fundamentals 2	Resource Monitoring, the Windows Firewall
Windows Fundamentals 3	device security, such as Windows Update, Windows Defender

By completing the Windows Fundamentals (1,2,3) I learned the essential aspects of Windows operating systems include basic navigation , file management, Windows permission and services, GUI and Windows security features.

### Windows Fundamentals Part 1

- **Introduction to Windows** : Overview of the Windows operating system, its history, and its widespread usage in businesses and personal computing.
- **Windows Versions** : Description of various Windows versions, such as Windows 7, 8, 10, and Server editions, highlighting their differences and use cases.
- **Basic Navigation** : Introduction to navigating the Windows interface, including the Start Menu, Taskbar, File Explorer, and Control Panel.

- **File System** : Explanation of the Windows file system structure, including drives, folders, and file paths.
- **Task Manager** : Overview of Task Manager, its features, and how to use it to monitor system performance and manage processes.

## Windows Fundamentals Part 2

- **User Accounts and Groups** : Explanation of user accounts, user groups, and their roles in managing permissions and access control in Windows.
- **Windows Permissions** : Detailed look at file and folder permissions, and how they can be configured to secure resources.
- **Windows Services** : Introduction to Windows services, their purpose, and how to manage them using the Services console.
- **Windows Event Logs** : Overview of Windows Event Logs, including how to access and interpret them for troubleshooting and security monitoring.

## Windows Fundamentals Part 3

- **Windows Update** : Delivers essential security patches to fix bugs and protect the system from vulnerabilities and threats such as malware, viruses, and exploits.
- **User Account Control (UAC)** : Prevent unauthorized changes to the operating system by requiring administrator approval for certain tasks.
- **Windows Defender Antivirus** : Scans files, downloads, and running programs, offering threat detection and removal capabilities.
- **Windows Firewall** : Blocks potentially harmful connections and allows exceptions for trusted applications and services.
- **BitLocker Drive Encryption** : Uses a Trusted Platform Module (TPM) or a USB key for authentication, ensuring that the data cannot be accessed if the drive is removed from the computer.