

TRAINING DAY 19 REPORT

Understand Batch File Programming

Today, I learn some important concept

Batch File

A **batch file** is a **text file** containing a sequence of commands that are executed by the **Windows Command Prompt (CMD)** or **MS-DOS** interpreter. Batch files typically have the .bat or .cmd file extension and are used to automate repetitive tasks, run multiple commands in order, or create simple scripts without the need for more complex programming.

Basic Batch File Commands

- ❑ **echo**: Displays messages on the screen. You can also use @echo off at the start of a script to hide command lines from showing while running.

Example: echo Hello World

- ❑ **pause**: Pauses the execution and waits for the user to press any key.

Example: pause

- ❑ **rem** or **::**: Adds comments in the batch file that are ignored during execution.

Example: rem This is a comment

- ❑ **cls**: Clears the command prompt screen.

Example: cls

- ❑ **dir**: Lists files and folders in the current directory.

Example: dir

- ❑ **cd** or **chdir**: Changes the current directory to another folder.

Example: cd C:\Users

- ❑ **copy**: Copies files from one location to another.

Example: copy file1.txt file2.txt

- ❑ **del**: Deletes files.

Example: del file.txt

❑ **mkdir** or md: Creates a new directory (folder).

Example: mkdir NewFolder

❑ **rmdir** or rd: Removes an empty directory.

Example: rmdir OldFolder

❑ **if**: Performs conditional checks in the script.

Example: if exist file.txt echo File exists

❑ **start**: Opens a program or file in a new window.

Example: start notepad.exe

❑ **exit**: Exits the batch script or command prompt window.

Example: exit

Batch File Program

```
@echo off
```

```
echo Hello! Welcome to my batch file.
```

```
pause
```

What it does:

- Shows the message: *Hello! Welcome to my batch file.*
- Waits for you to press any key before closing.

How to use:

1. Open Notepad.
2. Copy and paste the code above.
3. Save the file as hello.bat.
4. Double-click the file to run it.