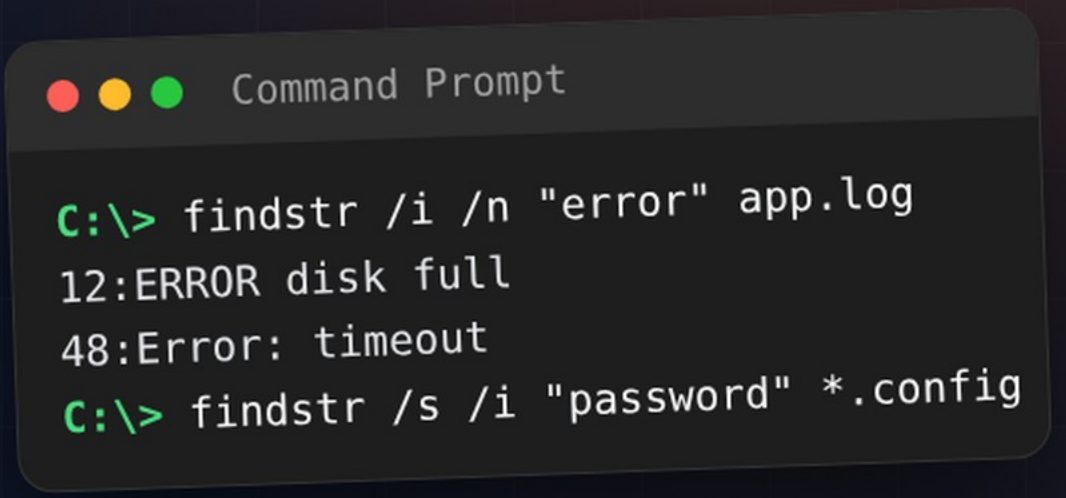
WINDOWS EDITORS · 6/6

findstr · fc

Windows Text Tools



LESSON 6

Windows Text Utilities: type, findstr, fc & PowerShell

`findstr · fc`

WINDOWS EDITORS & UTILITIES | Windows | FREE

PART 1 OF 5

type and more

1. type file: like cat
2. more: one screen at a time
3. type a b > all: join files

Command Prompt

```
C:\> type notes.txt
C:\> type big.log | more
C:\> type a.txt b.txt > all.txt
```

PART 2 OF 5

findstr: The Windows grep

1. findstr "error" app.log
2. /i ignore case · /n line numbers
3. /s search all subfolders

Command Prompt

```
C:\> findstr /i /n "error" app.log
12:ERROR disk full
48:Error: timeout
C:\> findstr /s /i "password" *.config
```

PART 3 OF 5

fc: Compare Files

1. fc old.txt new.txt
2. /n show line numbers
3. /b compare binary files

Command Prompt

```
C:\> fc /n old.conf new.conf
Comparing files old.conf and NEW.CONF
***** old.conf
    2:  port=8080
***** NEW.CONF
    2:  port=9090
*****
```

PART 4 OF 5

PowerShell: Get-Content

1. Get-Content (alias: cat, gc)
2. -Tail 20 -Wait: like tail -f
3. Set-Content & Add-Content write files

Windows PowerShell

```
PS> Get-Content app.log -Tail 20 -Wait
PS> "port=9090" | Set-Content app.conf
PS> Add-Content todo.txt "learn PowerShell"
```

PART 5 OF 5

Select-String & Compare-Object

1. Select-String: like grep, with regex
2. Compare-Object: like diff
3. -replace: find & replace, like sed

Windows PowerShell

```
PS> Select-String -Path *.log -Pattern 'ERROR'
PS> Compare-Object (gc old.txt) (gc new.txt)
PS> (gc app.conf) -replace '8080','9090' |
      Set-Content app.conf
```

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