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# belleswhoshell.ca
# Capstone Project: AI + PowerShell Integration
# This script combines elements of the 10 AI-focused exercises into one practical
workflow.

# 1. Code Generation: List processes and export to CSV
Get-Process | Export-Csv "C:\Reports\Processes.csv" -NoTypeInformation

# 2. Error Handling: Intentionally commented out typo example (use AI to debug)
# Get-Proces -Name notepad

# 3. Automation at Scale: Get services locally (extend with AI to multiple machines)
Get-Service | Out-File "C:\Reports\Services.txt"

# 4. Natural Language: Example of translating request with AI
# Request: "List files >5MB in C:\Logs"
# (Ask AI to generate script)

# 5. Learning & Training: Demonstrate -WhatIf for safe deletion
Remove-Item C:\Temp\*.tmp -WhatIf

# 6. Security: Show insecure vs secure password handling
$InsecurePassword = "MyPassword123"
# Ask AI to replace with Get-Credential or SecretManagement

# 7. AI Integration: Collect logs (could be summarized with AI)
Get-EventLog -LogName System -Newest 20 | Out-File "C:\Reports\SystemLogs.txt"

# 8. Beginner Onboarding: Simple greeting
Write-Output "Hello $env:USERNAME, today is $(Get-Date)."

# 9. Best Practices: Risky delete vs safe delete
Remove-Item C:\Logs\*.log -WhatIf

# 10. Future Vision: Placeholder for AI-generated script
# Request: "Check disk space on C:\ and warn if free space < 10%."
# (Leave for AI to fill in)
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