# PowerShell File Search Script Exercise

## Objective:

This exercise guides you through the creation of a PowerShell script for searching files in a directory. You'll learn how to implement administrator elevation, handle user input, and search for files based on a given term.

## Building the Script:

* Administrator Elevation: Understand how to elevate the script's privileges to administrator level.
* Reading User Input: Learn to prompt the user for the search directory and search term.
* Implementing Search Logic: Develop the logic to find files that match the search term.
* Handling Default Directory and Output: Set up the script to default to the current directory if none is specified and format the search results.

## Testing the Script:

Test your script in various scenarios to ensure it works correctly. Try different directories, search terms, and see how it handles no input.

## Advanced Challenges:

* Add a File Type Filter: Modify the script to allow searching for specific file types.
* Error Handling: Enhance the script to gracefully handle errors and invalid inputs.