# Search Script Tutorial

1. Opening
   1. Hook
      1. “We’ve all been there. There’s that file that we definitely saved, but can’t quite remember where. A check of the common folders yields nothing, so we enter the name in the file-explorer search bar to try our luck. We watch the green bar slowly pulse across the address bar. Eventually, the search finishes and nothing comes up.”
   2. Introduction
      1. “This tutorial will demonstrate a simple file search script using PowerShell.”
      2. “We will cover important concepts, and then show an example of the code.”
   3. Requirements
      1. A physical or virtual machine with windows OS
      2. PowerShell
      3. Basic familiarity with Powershell
   4. Setup
2. Important Concepts
   1. files
   2. directories
   3. recursive searching
   4. matching
   5. etc
3. Code Demonstration
   1. Step 1
   2. Step 2
   3. etc
4. Conclusion
   1. Deliverable.
   2. Provide ideas of how they can further customize/personalize their search script.
      1. Regex
      2. Formatting the results (e.g. Grouped according to directory)
      3. Filtering
      4. Sorting