

# Scripting with Bash in Linux & Powershell in Windows

- **Why do we need BASH/PowerShell scripting** : Running the same set of commands again & again / avoid repetition / do some basic automation / Standardized way for writing scripts
- **Text Editor we will be using** - Nano (Linux) and Notepad++ (Windows)
- **Getting User Input into variables and displaying Output**
- **Basic arithmetic operators (Add/Sub/Mul/Div/Exponential)**
- **Conditional If-Else statements and command line arguments**
- **Looping Statements - For Loop and While Loop**
- **Array - Define and Print with a forEach Loop**
- **Functions - Without and With Parameters**

## Some references to get you started:

### [Cheatsheet for GNU nano](#)

A concise overview of the command shortcuts for nano, the editor, grouped by category.

 [www.nano-editor.org](http://www.nano-editor.org)



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### [Shell Scripting Tutorial](#)

Shell Scripting Tutorial - A shell script is a computer program designed to be run by the Unix/Linux shell...

 [www.tutorialspoint.com](http://www.tutorialspoint.com)



### [Bash for Beginners](#)

[www.youtube.com](http://www.youtube.com)



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### [Powershell Tutorial](#)

Powershell Tutorial - Windows PowerShell is a command-line shell and scripting language designed...

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