



Wilshire Software Technologies

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Adv. Shell Scripting Schedule	
Topics	
Week - 1	Introduction: Shell Scripting and its Usage
	Regular Expressions, GREP Command
	Sed Editor Tasks
	The adv-awk programming language, Use awk commands from the command line , Write simple awk programs & conditions.
	UNIX Shells and Shell Scripts Describe the role/standards of shells in the UNIX environment. Define the components of a shell script & Write a simple shell script.
	The Shell Environment Assign/display values to shell variables. Make variables available to sub processes using the export statement. Perform arithmetic operations & Create and use aliases. Define/display aliases
	Writing and Debugging Scripts: Start a script with #! & Change permissions on a script. Execute/debug a script.
Week - 2	Conditionals: Use the exit status of command as conditional; control Pass values using command-line arguments (positional parameters) into a script. Create USAGE messages. Use conditional if, then, else if, else, and fi constructs & Use let, and test statements ([[], " "). Use the case statement & Quoting (single, double, backslash, back quote)
	Loops: Write scripts that use for, while and until loops & Write a script using the select statement
	Interactive Scripts: Use the print and echo commands to display text. Use the read command to interactively assign data to a shell variable. Create a "here" document & Use file descriptors.
	Advanced Variables, Parameters, and Argument Lists: Declare strings, integers, and array variables & Manipulate string variables Change the values of the positional parameters using the shift with in a script. Set default values for parameters
	Functions: Create user-defined functions in a shell script.Create, invoke, and display functions from the command line Pass arguments into a function. Call functions from (function) files, Traps Describe how the trap statement works Use the trap statement to catch signals to perform Error-Handling.
	Dialog Utilities & Job Automation.
	* ... End of the Course ... *