Introduction to Korn Shell Scripting for Linux Workshop

Skills and expertise to help you increase the business value from your systems investment

TLC
Education and Training Services

Skills and expertise to help you increase the business value from your Power Systems investment.

Purpose:
This course is designed for System Administrators, programmers, and application developers.

Shell scripts are often the key to becoming a productive UNIX system administrator. During this course you will write and understand simple programs that demonstrate your ability to understand and write simple shell scripts in either HP-UX, Solaris, or Linux environment.

For additional details on other AIX courses, please visit: https://www.tlcpak.com/educ.html

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Audience

This intermediate course is for experienced system administrators, programmers, application developers, and end users. This course requires at least three to six months experience in any of the UNIX flavor.

Prerequisites

Have working knowledge of UNIX or Linux, including the use of the vi editor, manipulating files and directories, basic variables, piping and grep commands.

Course Outlines

- Introduction to AIX operating system
- Shell history
- Basic shell concepts
- Shell variables and positional parameters
- Flow control in a shell script
- Testing of return codes and traps
- Using vi Editor
- Effective use of variables and filters
- Korn shell nuts and bolts
- Functions and typeset
- Standard in, standard out and standard error
- Shell features such as arithmetic and string handling
- Shell variables and Metacharacters
- Using regular expressions
- Feeding input into a script from the command line
- Error checking
- Functions and case statements
- Shell execution and file permissions
- Using various AIX utilities
- Running the script

This course contains both simple and more complex hands-on programming labs to deepen the students understanding of presented concepts and facilities and to gain experience in writing simple shell scripts helping them to design, testing, and debugging their day to day simple tasks.

For additional information please write to us at: info@tlcpak.com or send us your nominations at www.tlcpak.com/nomination1.html

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About Korn Shell and Korn Shell Scripting

Korn Shell (**ksh**) is a Unix **shell** which was developed by David **Korn** at Bell Labs in the early 1980s and announced at USENIX on July 14, 1983.

The IBM AIX operating system and other UNIX-like operating systems need a way to communicate with the kernel. This is done is through the use of a shell. There are a few different shells that you can use, but this article focuses on the Korn shell. The Korn shell is the default shell used with AIX.

In this workshop, you will be taught how to begin writing your first Korn shell script, and how to effectively use the vi editor and add the shell name as the first line. You will learn how to build some type of script header telling users who wrote the script, what the script does, and use AIX binaries to perform various tasks.

In a nut-shell, korn shell scripting can save you a lot of time and make your job so much easier. You will learn following best practices to follow standard steps like building your script header, define your variables, and error check your work.

Detail Information

Course Code	:TN240
Course Duration	: 2 Day
Course Fee	: Obtain upon request
Course Location	: Customer onsite (Karachi, Lahore and Islamabad), and Online on Zoom
Discount	: Discounts are available for a class of 5 and 8 students
Terms and Conditions:	: 100% Payment in Advance