



Bash Scripting

Description:

This course teaches you how to automate processes on UNIX systems using shell scripts. On a UNIX system, bash shell scripts allow you to automate almost any task. They combine all of the UNIX userland utilities with a robust scripting language. Shell scripts will increase your productivity whether you're a system administrator, a developer, or a power user.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Unique Characters

Characters Hash SemiColon

Variable and Parameters

Internal Commands

Regular Expressions

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Ermin Kreponic

Description:

Strongly motivated young IT expert, Linux enthusiast with a passion for troubleshooting network related problems. With an exceptional eye for details and a sense of urgency when it comes down to problem solving.

>Introduction:

>>Intro

>Setting up the environment:

>>Set up part 1

>>Set up part 2

>Unique Characters:

>>Terminal customization and hash character

>>Characters Hash SemiColon

>>Characters Dot Double quotes Single quotes Comma Double comma

>>Backslash Slash Backquote Null command

>>[exclamation mark] [asterix] [question mark]

>>Parenthesis and Curly braces

>>Characters [OR] [AND] [Dash] [Modulo] [Tilde Plus] [Tilde Minus] [Caret] [Double Car

>Variable and Parameters:

>>Variables and Parameters part 1

>>Variables and Parameters part 2

>>Variables and Parameters part 3

>>Variables and Parameters part 4

>Return Values:

>>Return Values part 1

>>Return Values part 2

>Conditional Statements:

>>Conditional Statements part 1

>>Conditional Statements part 2

>Variables Continued:

>>Built in variables part 1

>>Built in variables part 2

>>Built in variables part 3

>>Modifying the properties of variables

>>Random number generation

>Loops:

>>For Loop

>>Until Loop

>>While Loop

>>Break and Continue Part 1

>>Break and Continue Part 2

>>Case Construct

>>Select Construct

>Internal Commands:

>>Printf

>>Read

>>Eval and Set

>>More on set + unset

>>getopts

>>shopt type jobs disown

>>fg kill and command

>Regular Expressions:

>>Grep Demo

>>Demo for sed Extended regular expressions

>>Globbing

>Input Output Redirection:

>>STDOUT, STDIN, STDERR part 1

>>STDOUT, STDIN, STDERR part 2

>Functions:

>>Functions part 1

>>Functions part 2

>Arrays:

>>Arrays part 1

>>Arrays part 2

>>Arrays part 3

>Lists:

>>OR and AND lists

>Debugging:

>>Debugging part 1

>>Debugging part 2

>>Debugging part 3