



- CYU – Check Your Understanding
- LOTW – Learning On The Walls
- PPR – Participant Progress Report
- PTS – Post Training Support (Web)

PERL PROGRAMMING

Duration: 4 Days

INTRODUCTION TO SCRIPTING LANGUAGES

PRACTICAL EXTRACTION AND REPORT LANGUAGE (PERL)

- ❖ Introduction to Perl

SCALAR DATA

- ❖ Scalar Values
- ❖ Operators
- ❖ Scalar variables
- ❖ Operators on scalar variables
- ❖ Safe coding practices

ARRAYS AND LIST DATA

- ❖ Array Variables
- ❖ <STDIN> in array context

HASHES

- ❖ Hash - What is it?
- ❖ Operators: keys, values, each, delete, exists, defined, hash slices

INPUT AND OUTPUT

- ❖ Input from <STDIN>
- ❖ print/printf
- ❖ Here documents

BRANCHING AND LOOPING

- ❖ Statement blocks:
- ❖ If/unless, while/until, for, foreach

LOOP AND PROGRAM FLOW MODIFIERS

- ❖ Introduction
- ❖ last, next, and redo operators
- ❖ naked block
- ❖ labeled block
- ❖ goto
- ❖ Expression modifiers
- ❖ &&, || and ?: as control structures

FUNCTIONS

- ❖ System and user-defined functions
- ❖ Return values and arguments
- ❖ Variable number of parameters

FILEHANDLES AND FILE TESTS

- ❖ Filehandle – what is it?
- ❖ Opening/closing a filehandle
- ❖ Using filehandles
- ❖ File tests
- ❖ stat() and lstat() operators



- CYU – Check Your Understanding
- LOTW – Learning On The Walls
- PPR – Participant Progress Report
- PTS – Post Training Support (Web)

ACCESSING DIRECTORIES

- ❖ Moving around the directory tree
- ❖ Globbing
- ❖ Directory handles

FILE AND DIRECTORY MANIPULATION

- ❖ Working with files
- ❖ Commandline arguments

MANAGING OPERATING SYSTEM PROCESSES

- ❖ System function
- ❖ Backquotes
- ❖ Processes as filehandles
- ❖ Sending a file to the printer
- ❖ Using the fork and exec functions

THE POWER OF REGULAR EXPRESSIONS

- ❖ What are regular expressions?
- ❖ Patterns
- ❖ Grouping patterns
- ❖ Matching operator variants
- ❖ Substitutions
- ❖ Other operators
- ❖ Regular Expression Options

COMMAND-LINE ARGUMENTS

PARSING COMMAND LINE ARGUMENTS

- ❖ Simple command line parsing

MODULES & PACKAGES

WORKING WITH PERL MODULES

CREATING & USING USER DEFINED MODULES