Document Generated: 11/05/2026

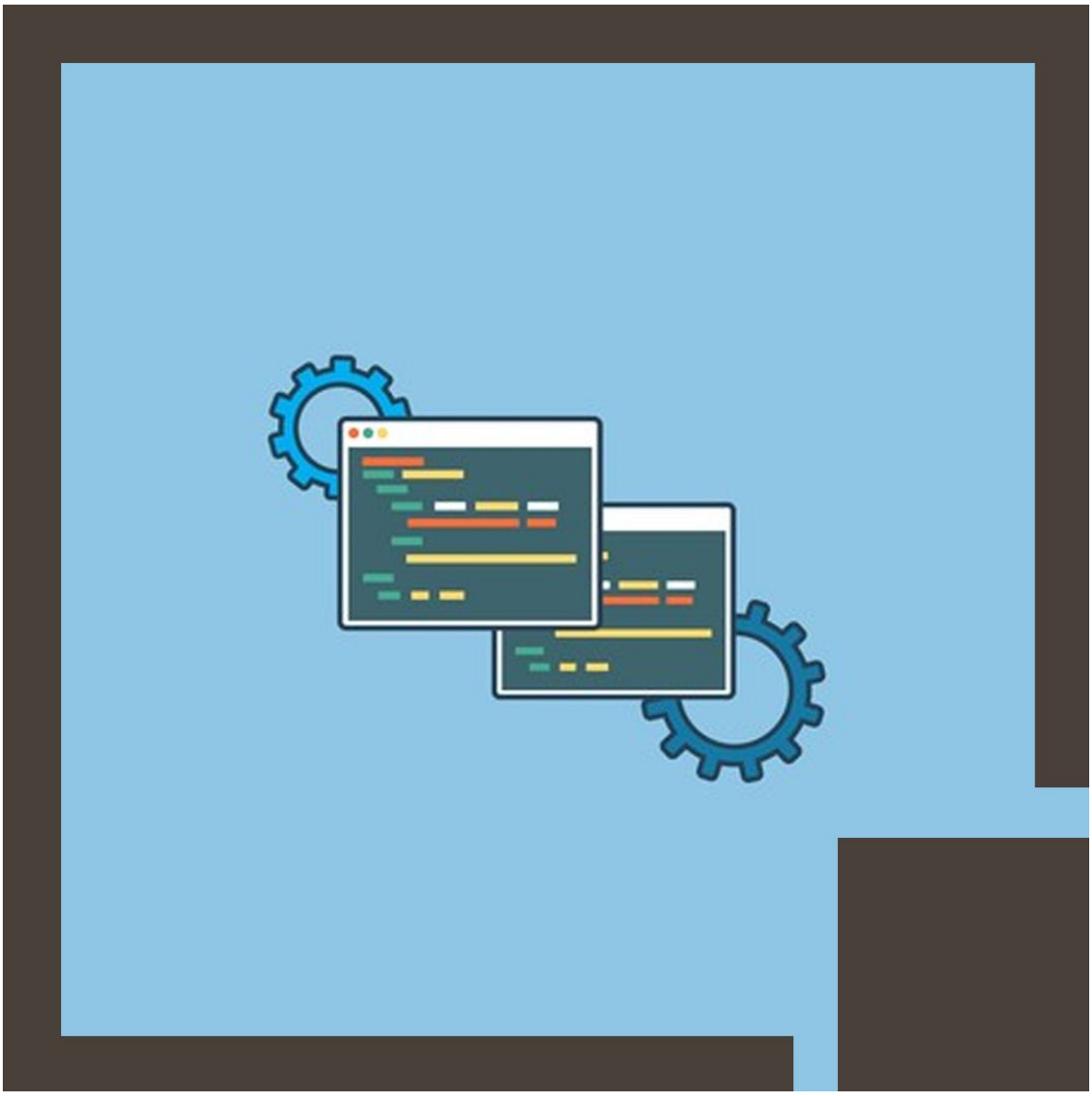
Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 5 Hours

Perl Fundamentals



About this course:

Perl is a generic term used for the two programming languages, Perl 5 and Perl 6. Perl languages are increasing in their popularity because of their use in system administration, network programming, finance, bioinformatics and many other applications. This course covers the basic concepts of Perl and enables the students to start using Perl programming languages to develop efficient applications that could be used to solve the day-to-day problems.

The Perl: Fundamentals course introduces the students to the basic concepts required to get started with Perl programming languages for software and application development. The course focuses on the fundamental topics such as data structures, input, output, subroutines and Regex. The course is very helpful for beginner level software developers who are looking to grow in this ever-growing field.

The average salary of a Perl Developer is **$87,000** per year.

Course Objective:

- Get an introduction of Perl
- Understand the concept of literals and variables
- Use string functions
- Understand loops and conditionals
- Get an overview of the data structures such as lists
- Understand the command line input
- Learn about subroutines and regex

Audience:

- Software engineers
- Quality assurance engineers
- Programmers

Prerequisite:

- The course has no formal pre-requisites and is ideal for beginners in the field of Perl programming language.
- The course helps the candidates to kick start their careers in software development and designing.

Course Outline:

Chapter 01 - Introduction to Perl

- Topic A: Introduction to Perl - Part 1
- Introduction to Perl - Part 2
- Introduction to Perl - Part 3
- Topic B: Literals and Variables - Part 1
- Literals and Variables - Part 2
- Literals and Variables - Part 3

- Topic C: String Functions - Part 1
- String Functions - Part 2
- String Functions - Part 3
- Topic D: Variables - Part 1
- Variables - Part 2
- Variables - Part 3
- Topic E: Conditionals - Part 1
- Conditionals - Part 2
- Conditionals - Part 3
- Topic F: Loops - Part 1
- Loops - Part 2
- Loops - Part 3
- Review - Question

Chapter 02 - Data Structures, Input and Output

- Topic A: Lists - Part 1
- Lists - Part 2
- Lists - Part 3
- Topic B: List Demos - Part 1
- List Demos - Part 2
- List Demos - Part 3
- Topic C: Command Line Input - Part 1
- Command Line Input - Part 2
- Command Line Input - Part 3
- Topic D: File Input and Output - Part 1
- File Input and Output - Part 2
- File Input and Output - Part 3
- Topic E: Hashing - Part 1
- Hashing - Part 2
- Hashing - Part 3
- Review - Question

Chapter 03 - Subroutines and Regex

- Topic A: Subroutines - Part 1
- Subroutines - Part 2
- Subroutines - Part 3
- Topic B: Arguments and Return Values - Part 1
- Arguments and Return Values - Part 2
- Arguments and Return Values - Part 3
- Topic C: Simple Regular Expressions - Part 1
- Simple Regular Expressions - Part 2
- Simple Regular Expressions - Part 3
- Topic D: Metacharacters - Part 1
- Metacharacters - Part 2
- Metacharacters - Part 3
- Topic E: Text Manipulations - Part 1
- Text Manipulations - Part 2
- Text Manipulations - Part 3

- Review - Question

Credly Badge:



Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your Linkedin profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

Find Out More or See List Of Badges