

## Day - 1

- - Hello World
  - Counting lines in a file
  - Using a loop in Perl
  - Using subroutines in Perl
  - Using Perl's documentation
- - Understanding how Perl uses whitespace
  - Terminating statements with semicolons
  - Creating comments
  - Best practices for formatting code
- - Understanding values and variables
  - Declaring numeric variables
  - Declaring character string variables
  - Declaring lists and arrays
  - Pulling slices from arrays
  - Understanding hashes and associative arrays
  - Getting value pairs using the each function
  - Understanding the undef value

## Day - 2

- - Assigning values to variables
  - Using statements and expressions
  - Combining statements into blocks
  - Understanding scope
- - Understanding conditional statements
  - Creating conditionals with if
  - Extending conditionals with else
  - Extending conditionals with elsif
  - Building if statements with postfix conditionals
  - Creating negative conditionals with unless
  - Using the ternary conditional operator
- - Understanding loops
  - Creating loops with while
  - Creating loops with until
  - Iterating lists with foreach
  - Iterating lists with for
  - Using loop control statements
  - Building loops with postfix statements

## Day - 3

- - Understanding special variables
  - Using special variables
  - Working with special file handles
  - Using special constants
- - Performing basic math with arithmetic operators
  - Creating conditionals with comparison operators
  - Combining conditionals with logical operators
  - Reading file metadata with file test operators
  - Creating a sequence with the range operator
  - Combining strings with the concatenation operator
  - Streamlining strings with quote operators
  - Understanding operator precedence

- - Understanding values and references
  - Defining array references
  - Defining hash references
  - Building mixed data structures
- - Understanding streams and files
  - Using file handles
  - Using the object-oriented interface for handling files
  - Working with binary files

## Day - 4

- - Understanding regular expressions
  - Searching and replacing text with regular expressions
  - Extracting matches with parentheses
  - Matching wildcards
  - Matching classes of characters
  - Creating arrays with split
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  - Searching and replacing text with regular expressions
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