



PERL

Perl Syllabus:

Overview of Perl

- What is Perl?
- The Input Operator
- Print / Printf Statements
- Running Perl Programs
- Sample Program
- Another Sample Program
- Yet Another Example

Perl Variables

- Three Data Types
- Variable Names and Syntax
- Variable Naming
- Lists
- Scalar and List Contexts
- The Repetition Operator

Arrays and Hashes

- Arrays
- Array Functions
- The foreach Loop
- The @ARGV Array
- The grep Function
- Array Slices
- Hashes
- Hash Functions
- Scalar and List Contexts Revisited

Quoting and Interpolation

- String Literals



- Interpolation
- Array Substitution and Join
- Backslashes and Single Quotes
- Quotation Operators
- Command Substitution
- Here Documents

Conditional Statements

- If Statements
- If Else Statements
- If Else if Statements
- Nested If Statements
- Switch Statements

Looping Statements

- While Statements
- Until Statements
- For Statements
- For Each Statements

Regular Expressions

- Pattern Matching Overview
- The Substitution Operator
- Regular Expressions
- Special Characters
- Quantifiers (*, +, ?, {})
- Assertions (^, \$, \b, \B)
- Translate
- Split
- Join

Subroutines

- Overview of Subroutines
- Passing Arguments
- Private Variables



- Returning Values

Files Handling

- Overview of File I/
- The open Function
- The Input Operator
- Default Input Operator
- The print Function
- Reading Directories

Packages and Modules

- Packages
- BEGIN and END Routines
- require vs. use
- Modules
- The bless Function

Database Connectivity

- Using DBI
- Fetching output of the Query through Perl
- Running other DB queries.