

SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: PHP
DURATION: MODULE 1 (4 WEEKS)
MODULE 1 + 2 (6 WEEKS)

MODULE 1:

INTRODUCTION TO PHP

- Introduction to PHP
- Introduction to XAMP , WAMP , LAMP & MAMP
- PHP variables
- Operators in PHP
- Data Types
- Type Casting
- Type Juggling
- Control Structures
- Conditional statements
- Ternary operators
- Switch
- LOOPS
- Arrays
- ForEach loop
- Converting arrays to variables and vice-versa
- Multidimensional Arrays
- Functions
- Call By Value
- Call By Reference
- Recursive Function
- Closure
- PHP form control
- Form-handling with GET and POST methods
- Using PHP in CLI

- FileStreams
- Creating and deleting files
- Reading and writing files
- Reading characters
- File Locking
- Creating Emails
- Sending Emails
- Understanding SMTP
- Introduction to Object Oriented Programming
- Objects and Classes
- PHP 5
- Inheritance
- Encapsulation
- Abstract classes
- Namespaces
- Static Members
- Late Static Binding
- Dependency Injection
- Polymorphism
- Traits in PHP
- Method Overriding in Traits
- Handling conflicts in traits
- Access levels in traits
- Type Hinting
- Method Chaining
- Introduction to REGULAR EXPRESSIONS
- PHP Encryption
- PHP Decryption
- SESSIONS in PHP
- COOKIES
- Magic Methods in PHP
- __Construct() function
- __destruct() function
- __call() function
- __autoload() function
- __get() function
- __set() function

- __callstatic() function
- __isset() function
- __unset() function
- __toString() function
- __sleep() function
- __wakeup() function
- __invoke() function
- __clone() function

INTRODUCTION TO MYSQL

- Introduction to DBMS
- CRUD in SQL
- Passing SQL queries in PHP
- Constraints
- SQL injection
- Preventions against SQL injections

MODULE 2 :

- File stream
- Downloading files in PHP
- Introduction to MVC
- Codeigniter
- CRUD operations in Codeigniter
- Sessions in Codeigniter



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