

# **Python Introduction**

What is PHP?, History, Scope of PHP, Characteristics of PHP, Applications of PHP, Creating Script in PHP, "Hello World" script in PHP, Executing and Debugging PHP Scripts, PHP Parser installation on windows and configuration of PHP files.

### PHP Fundamentals

- PHP Syntax overview
- PHP Variable Types: integer,double, boolean,string,null, variable Naming ,local variables,global Variables, static variables.
- PHP Constants
- PHP Operators: Arithmetic ,Comparison, Logical, assignment,conditionaletc
- PHP Decision Control Statement:
  - if statement .
  - types of if statement ,
  - Switch case

# PHP Loop Control Statement:

- While loop
- Do While
- For loop
- Foreach

# PHP Array:

- Single dimension
- Multidimentional
- Array, Associative array

# PHP String:

- String Concatenation operator
- Built in String Handling Function

#### PHP Function:

- Types of PHP Function
- Creating PHP Function
- Calling PHP Function
- Passing argument by value & by

### PHP Function:

- Reference PHP Web Concept:
  - Handling HTML form with
  - PHP GET and POST Method
  - Creating PHP Form

# **PHP File Handling**

- Opening and closing
- file Reading a File
- Writing a File
- File inclusion function

### **PHP State Management**

- Cookies Anotomy of cookies, setting cookies with php, create/retrieve cookies Update cookies, delete cookies
- Session Staring a PHP session, session variables, turning on auto session, updatephp session variable, destroying a PHP session

### PHP Email Sending

- Sending plain text email
- Sending HTML email
- Sending email with attachement

#### Advance PHP

PHP - Regular Expression

What is regular Expression

String matching with regular expression Pattern matching in

PHP

Replacing Text

### PHP -Exception handling

- Different error handling methods Simple "die()" statement
- Custom Errors ,Error reporting Creating a Exception handler
- Creating a Exception class, multiple exceptions

#### PHP-Date & Time functions

### PHP and MySql

- Introduction to RDBMS
- Connection with MySql Database
- Create ,deleteMySql database in PHP
- Insert data to Mysql database
- Retriving data from Mysql database
- Performing database operation I.e. DML, DDLetc
- Joins (inner join, outer join, self join,cross join)

#### PHP and AJAX

- Introduction to AJAX
- PHP and AJAX Example
- Client Side HTML File
- Server Side PHP File

### PHP and XML

- Introduction to XML PHP and XML Example
- Parsing a XML document
- Generating a XML document

# PHP OOP's Concept

Introduction to OOP's Concept Classes in PHP Object creation, new keyword, constructor Calling member function, calling data member Inheritance & Code reusability Polymorphism, method overloading, method overriding Public members, privatemembers, Protected members etc Abstract Class Interface Static Keyword Final Keyword



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