

SOFTCRAYONS
Tech Solution Pvt. Ltd



Practical Training Program Branch - Ghaziabad, Noida

- » Graphic Designing
- » Programming
 - Python - Java - PHP ++
 - C++ - C - Ruby On Rails
 - Perl
- » Web Designing
- » Networking - CCNA
 - CCNP- MCITP - MCSE
 - Hardware
- » CAD- CAM-CAE
 - Autocad for Civil
 - Autocad for Electrical
 - Autocad for Mechanical
 - Catia V5 / Staap PRO/
 - Revit / Revit Structure
 - Revet Architecture / Soliworks
 - PRO E / CREOC(Fr - Designers)
 - 3D Max / Inventor / Ansys / Vray
- » Digital Marketing
- » Android Application
- » Sap - ERP - ABAP
 - Erp Basis / Erp-Bi
 - Erp-Bo / CRM/ HR/HCM / MM
 - PP / Controlling / Hana / SCM
 - Finance
- » Software testing
 - Manual testing
 - Automation - testing
 - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
 - 3 Angular / 4 Angular
- » Vmware

1. Introduction

1 .Module

- Classes & Objects
- Object based & Object Oriented Programming
- Three Tier Architecture
- HTML & significance of HTML in web development
- What is CSS & how it is helpful
- Database & its properties
- Difference between DBMS & RDBMS
- Why PHP is called server side scripting language
- Why it is useful in web development
- What are type shape & type loose languages
- Difference between various versions of PHP
- Compiler & Interpreter
- What is ZEND Engine

- Work of ZEND Engine
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2 .Module

Language Constructors

- Fundamentals in programming
 - Tags in PHP
 - Data types in PHP
 - Resource Management
 - Constants & Variables
 - Simple variable declaration
 - Dynamic Variables
 - Checking type of variables
 - Changing type of variables
 - Loops
 - Operators
 - Precedence of operators
 - Associativity of operators
 - Operator types
 - Identical & Comparison Operator
 - String Declaration
 - Arrays
 - What is an array?
 - Why we use arrays instead of simple methods
 - Types of arrays
 - Indexed Array
 - Indexed array declaration
 - How to print single element from an array
 - How to print every value present in an array
 - General functions related to arrays
 - Associative Array
 - Associative array declaration
 - How to single element from an associative array
 - How to print every value present in an associative array
 - General functions related to associative array
 - Mixed Array
 - Mixed array declaration
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3 .Module

File Handling

- Creating a file
- Opening a file
- Reading a file
- Writing into a file
- Closing a file
- Deleting a file
- Checking size of a file
- Checking existence of a file
- Sending the pointer to a particular location in a file
- Finding the current location of a pointer
- Check whether file contents end or not
- Locate the pointer at the beginning of file
- File locking
- File Uploading and File Downloading

4 .Module

Functions

- Isset, is_null & empty functions
- Call by value & call by reference
- Local & Global Variables
- Pre & Post Increment & Decrement Operators
- Static Variables
- Global Keyword

5 .Module

Types of Errors

- Methods for sending requests to server
- Super Global Variables
- Include & Require
- Explode & Implode
- String & Array Remaining Functions
- Header Function

6 .Module

MySQL

- SQL Introduction
- Connecting to MySQL
- Creating a database in MySQL via script
- Selecting a database
- Dropping a database
- Creating tables
- Inserting into tables
- Modifying a table
- Updating values in a table
- Renaming
- Grant & Revoke Functions
- Closing Connections
- Triggers
- Joins
- Fetching data from MySQL Database

7 .Module

Session

- What is a session
- Initializing session variables
- Retrieving values from session variables
- Destroying session variables

8 .Module

Cookies

- What is a cookie
- Types of cookies
- Initializing Cookie
- Variables Retrieving cookie variables
- Destroying a cookie

9 .Module

Object Oriented Concepts in PHP

- Public, Private & Protected

- \$this keyword
 - Constructors & Destructors
 - Polymorphism
 - Overloading
 - Operator Overloading
 - Function Overloading
 - Overriding
 - Inheritance
 - Abstract Class & Methods
 - Interface
 - Final Class
 - Exception
 - Checked Exception
 - Unchecked Exception
 - Magic Methods
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10 .Module

Working with Regular Expressions

- preg & ereg functions
 - Email validation
 - String pattern matching
 - PCRE expression
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11 .Module

Working with XML

- The Extensible Markup Language (XML)
 - Creating an XML Document
 - Simple XML
 - Parsing XML Documents
 - Accessing Children and Attributes
 - XPath Queries
 - Modifying XML Documents
 - Working With Namespaces
 - DOM
 - Loading and Saving XML Documents
 - XPath Queries
 - Modifying XML Documents
 - Moving Data
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- Modifying Data
- Removing Data
- Working With Namespaces
- Interfacing with Simple XML

12 .Module

Communicating with Internet Services

- Sending Internet Mail
- Project: Sending an E-mail with a Mail Class
- Reading Mail with IMAP or POP3
- Getting and Putting Files with FTP
- Performing DNS Lookups
- Checking Whether a Host Is Alive
- Getting Information About a Domain Name

13 .Module

Java Script

- What Is JavaScript?
- A Short History
- ECMA Script 3
- The Document Object Model (DOM)
- The Browser Object Model (BOM)
- Syntax
- Variables
- Functions
- All about Events
- Cross Browsing

14 .Module

Designing

- Understanding Web Site Design Structure
- Table Structure
- Div Structure
- Iframe Structure
- Working with DIV tag

- Working On DREAMWEAVER

15 .Module

CSS

- What is CSS?
- Types Of CSS
- Types Of Selectors
- Hierarchal CSS

Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,

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