

PYTHON FULL STACK DEVELOPMENT

SEGMENT 1: WEB DESIGNING

SEGMENT 2: JAVASCRIPT

SEGMENT 3: PYTHON DEVELOPMENT

SEGMENT 4: MYSQL DATABASE

SEGMENT 5: PYTHON FRAMEWORK

SEGMENT 6: LIVE PROJECT IMPLEMENTATION

DURATION: 2 MONTHS

[WEB DESIGNING](#)

Overview of HTML

Overview of HTML

Introduction to HTML

Creating an HTML Document

Formatting text with HTML

Paragraph Formatting with HTML

Character Formatting with HTML

Adding Internal Links with the Named Anchor Tag

Creating lists in HTML

Creating Lists and Nested Lists

Creating tables in HTML

Creating and Modifying Tables
Creating Advanced Table Elements

Setting Body and Background Attributes

Setting Background and Text Colors

HTML5 Training Syllabus

Overview of what's new in HTML5

- Doctype
- Charset
- New structures / tags
- Inline Elements
- Support for dynamic pages
- Form types
- Deprecated codes

Current browser / platform support

Importance of the Document Object Model (DOM)

Using the new HTML5 Tags

Defining page structure using the new HTML 5 tags

New HTML5 Elements

CSS Training Syllabus

Types of Style Sheets

- Inline Styles
- Embedded Styles
- External or Linked Styles

Inheritance and Cascading Order

- Inheritance
- Conflicting Styles
- Specificity

Formatting Text and Fonts

- Font Families
- Font Size
- Kerning, Leading, and Indenting

Formatting Colors and Backgrounds

- The Color Attribute
- The Background Attribute
- Background Colors and Images

Exploring CSS Class and ID Attributes

- Defining The CSS Class Attribute

- Defining The CSS ID Attribute

Create Your Own HTML Tags

- HTML Span and DIV Tags
- Creating Block-Level HTML Tags
- Creating Inline HTML Tags

Positioning Block-Level Elements

- Relative and Absolute Positioning
- Formatting The Block-Level Box Model
- Element Visibility Controls

CSS3 Training Syllabus

Introducing CSS3

- What is CSS3?
- The History of CSS
- Browser Support
- HTML5

Selectors and Pseudo Classes

- Attribute Selectors
- The Target Pseudo-Class
- UI Element States Pseudo-Classes
- Negation Pseudo-Class
- Structural Pseudo-Classes

Fonts and Text Effects

- Fonts on the Web
- Font Services
- The @font-face Rule
- Text Shadow
- Word Wrapping

Colors, Gradients, Background Images, and Masks

- Color
- The Opacity Property
- Backgrounds
- background-origin, and background-size

Borders and Box Effects

- Image Borders
- Rounded Corners
- Box Shadow

Embedding Media

- Video Formats
- Styling Video

Accessibility Features

- Web Accessibility
- The CSS3 Speech Module

Advanced Bootstrap Training

- Blog
- Carousel
- Cover
- Dashboard
- Jumbotron
- Navbar
- Navbar Fixed Top
- Navbar Static Top
- Starter Template

JAVASCRIPT

JavaScript - Get Started

What is JavaScript

Setup JavaScript Dev Environment

HTML <script> Tag

JavaScript - Syntax

JavaScript - Popup Message

JavaScript - Variables

JavaScript - Operators

JavaScript - Data Types

- JavaScript - String

- JavaScript - String Methods

- JavaScript - Numbers

- JavaScript - Boolean

- JavaScript - Object

- JavaScript - Date

- JavaScript - Date Methods

- JavaScript - Array

- JavaScript - Array Methods

- JavaScript - null and undefined

JavaScript - Function

JavaScript - if condition

JavaScript - switch

JavaScript - for loop

JavaScript - while loop

JavaScript - Scope

JavaScript - eval

JavaScript - Error Handling

CORE PYTHON

Introduction

- 📺 Getting Started
- 📺 Keywords and Identifiers
- 📺 Statements & Comments
- 📺 Python Variables
- 📺 Python Datatypes
- 📺 Python Type Conversion
- 📺 Python I/O and import
- 📺 Python Operators
- 📺 Python Namespace

Python Flow Control

- 📺 Python if...else
- 📺 Python for Loop
- 📺 Python while Loop
- 📺 Python break and continue
- 📺 Python Pass

Python Functions

- 📺 Python Functions
- 📺 Function Argument
- 📺 Python Recursion
- 📺 Anonymous Function
- 📺 Global, Local and Nonlocal
- 📺 Python Global Keyword
- 📺 Python Modules
- 📺 Python Package

Python Datatypes

- 📺 Python Numbers
- 📺 Python List

- 📺 Python Tuple
- 📺 Python String
- 📺 Python Set
- 📺 Python Dictionary

Python Files

- 📺 Python File Operation

Python Exception

- 📺 Python Exception Handling
- 📺 Python User-defined

Exception

Python Object & Class

- 📺 Python OOP
- 📺 Python Class
- 📺 Python Inheritance
- 📺 Multiple Inheritance
- 📺 Operator Overloading

Python Advanced Topics

- 📺 Python Iterator
- 📺 Python Generator
- 📺 Python Closure
- 📺 Python Decorators

Python Date & Time

- 📺 Python datetime Module
- 📺 Current date & time
- 📺 Get current time
- 📺 Python time Module

MYSQL

- [MySQL - Home](#)
- [MySQL - Introduction](#)
- [MySQL - Installation](#)
- [MySQL - Administration](#)
- [MySQL - PHP Syntax](#)
- [MySQL - Connection](#)
- [MySQL - Create Database](#)
- [MySQL - Drop Database](#)
- [MySQL - Select Database](#)
- [MySQL - Data Types](#)
- [MySQL - Create Tables](#)
- [MySQL - Drop Tables](#)
- [MySQL - Insert Query](#)
- [MySQL - Select Query](#)
- [MySQL - Where Clause](#)
- [MySQL - Update Query](#)
- [MySQL - Delete Query](#)

FLASK IMPLEMENTATION

- [Flask - Routing](#)
- [Flask - Variable Rules](#)
- [Flask - URL Building](#)

- Flask - HTTP Methods
- Flask - Templates
- Flask - Static Files
- Flask - Request Object
- Sending Form Data to Template
- Flask - Cookies
- Flask - Sessions
- Flask - Redirect & Errors
- Flask - Message Flashing
- Flask - File Uploading
- Flask - Extensions
- Flask - Mail

LIVE PROJECT IMPLEMENTATION

- BANK MANAGEMENT SYSTEM
- ONLINE EXAMINATION SYSTEM