

ZONEMAC SOLUTIONS
PYTHON
COURSE SYLLABUS

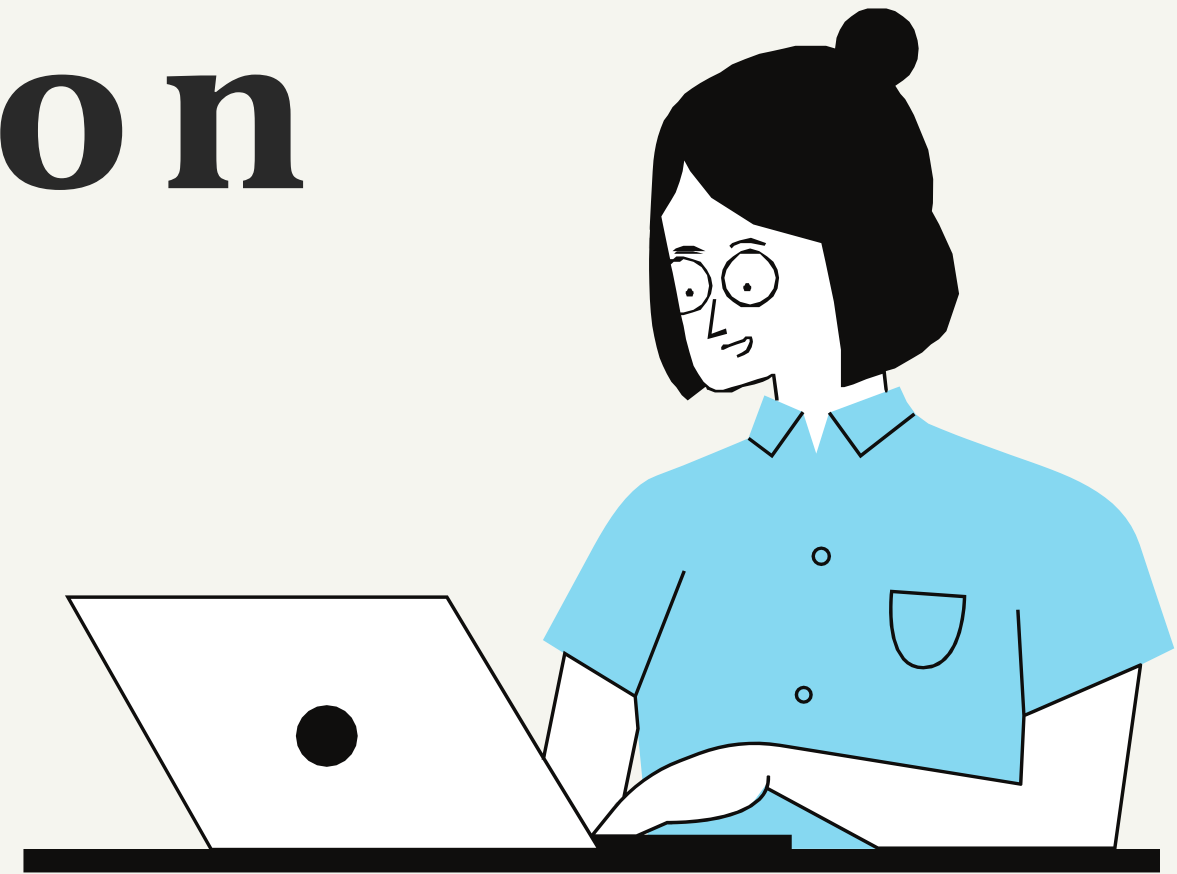
☎ 9072199772, 9072199776



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Welcome to Full Stack Development in Python

Total Modules : 12



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MODULE - 1

INTRODUCTION TO PYTHON

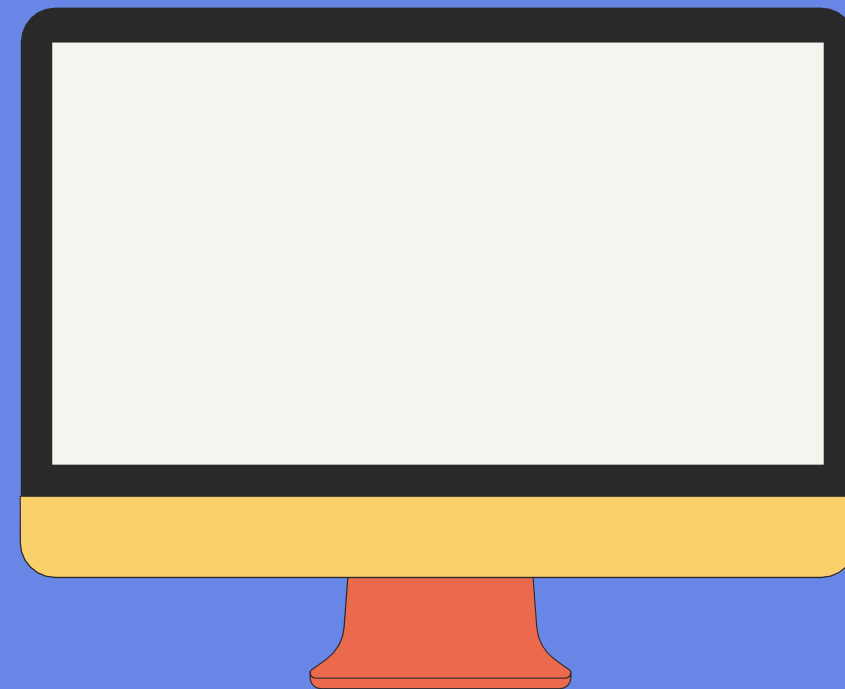
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- Introduction to Python
- Basic Python Concepts
- What is Python ??
- Why Python ??
- Where Python ??
- Python Application
- Python Future

- HTML - Basic Tags
- HTML - Elements
- HTML - Attributes
- HTML - Formatting
- HTML - Meta tag
- HTML - Comments
- HTML - Images
- HTML - Tables
- HTML - Lists
- HTML - Links
- HTML - Background
- HTML - Forms
- HTML - Marquee
- HTML - Blocks

MODULE - 2

HTML





MODULE - 3

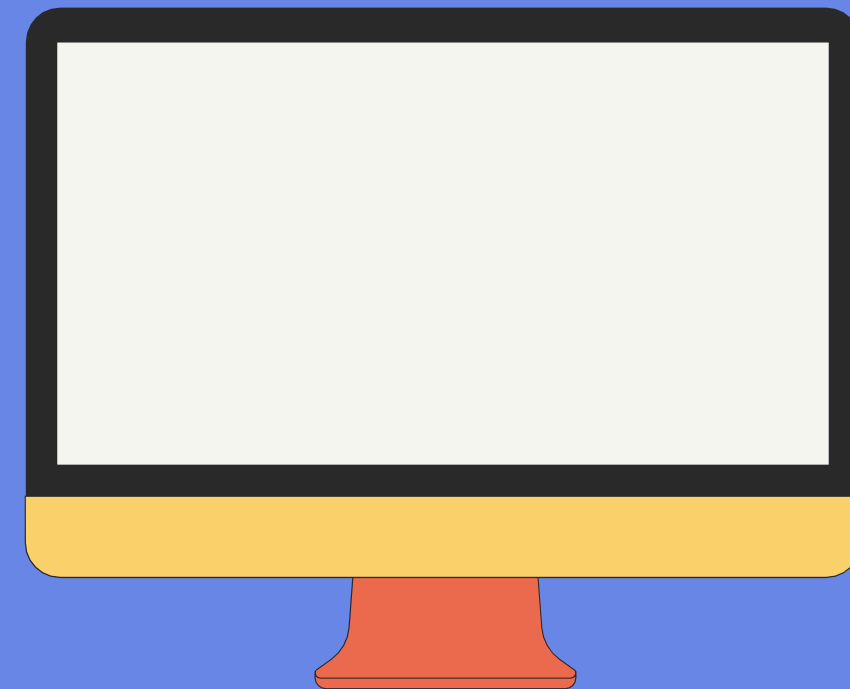
CSS

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- CSS - Syntax
- CSS - Inclusion
- CSS - Units
- CSS - Background
- CSS - Fonts
- CSS - Borders
- CSS - Margins
- CSS - Padding
- CSS - Visibility
- CSS - Positioning

- Bootstrap - Grid System
- Bootstrap - Visible & Hidden
- Bootstrap - Tables & Forms
- Bootstrap - Buttons
- Bootstrap - Images
- Bootstrap - Glyphicons
- Bootstrap - Navbar
- Bootstrap - Pagination
- Bootstrap - Jumbotron
- Bootstrap - List Group
- Bootstrap - Panels & Wells
- Bootstrap - Pop Up
- Bootstrap - Zoom
- Bootstrap - Video & Audio

MODULE - 4 BOOTSTRAP





MODULE - 5

CORE PYTHON

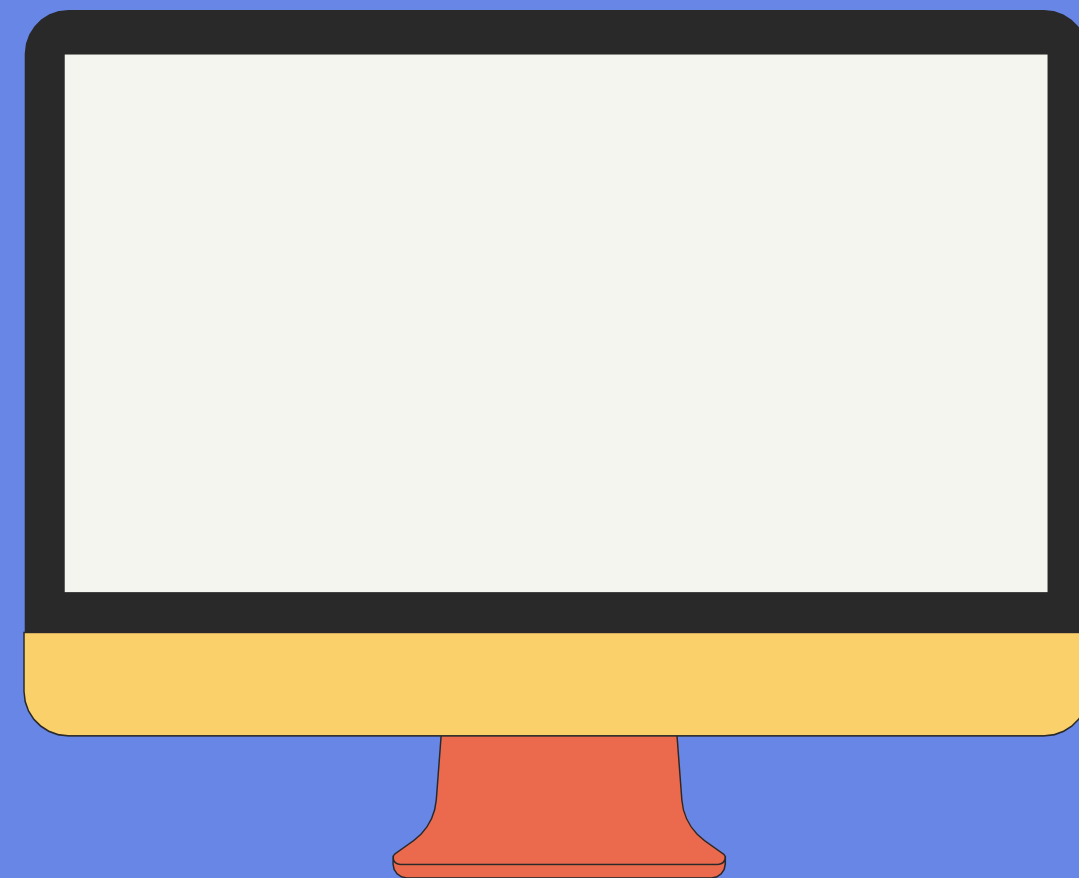
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- If Statements
- List Operations
- For Loop
- While Loop
- Boolean Logic
- Break & Continue
- Else Clause
- Range
- String
- Tuple
- Dictionary
- Set

- Define function
- Pass Arguments
- Arbitrary Arguments
- Local & Global Variables
- Return a Value From Function
- Math Functions
- Recursive Functions

MODULE - 6

FUNCTIONS & MODULES





MODULE - 7

FILE HANDLING & REGULAR EXPRESSIONS

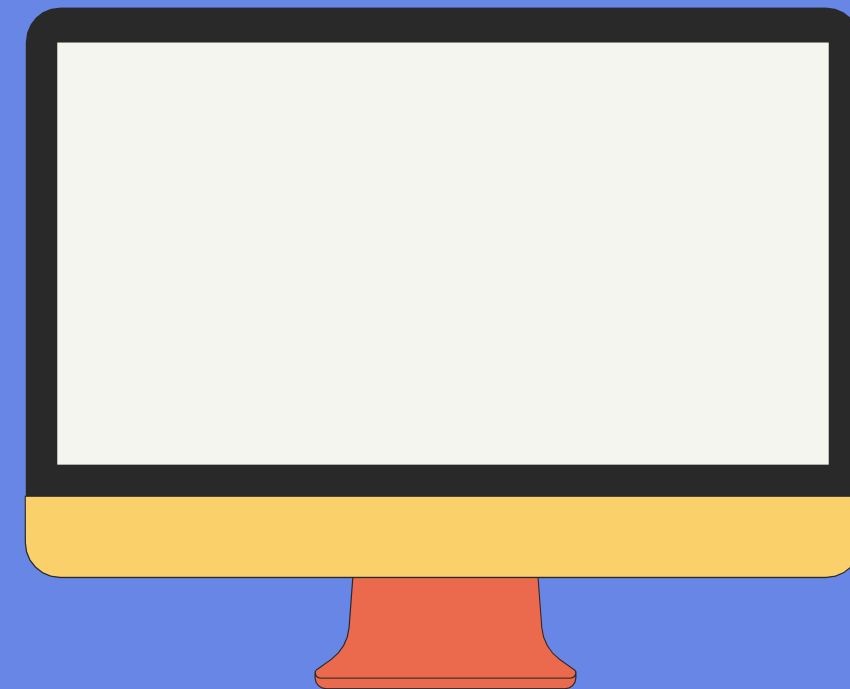
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- Exception Handling
- File Handling
- Read & Write
- File Manipulations
- Match ()
- Search ()
- Findall ()
- Sub ()
- Patterns
- Repetitions
- Character Classes
- Modifiers

- OOPS in Python
- Define Class
- Creating Objects
- Constructors
- Destructor
- Overriding
- Overloading
- Inheritance
- Multilevel Inheritance
- Multiple Inheritance

MODULE - 8

OOPS CONCEPT





MODULE - 9

DATABASE

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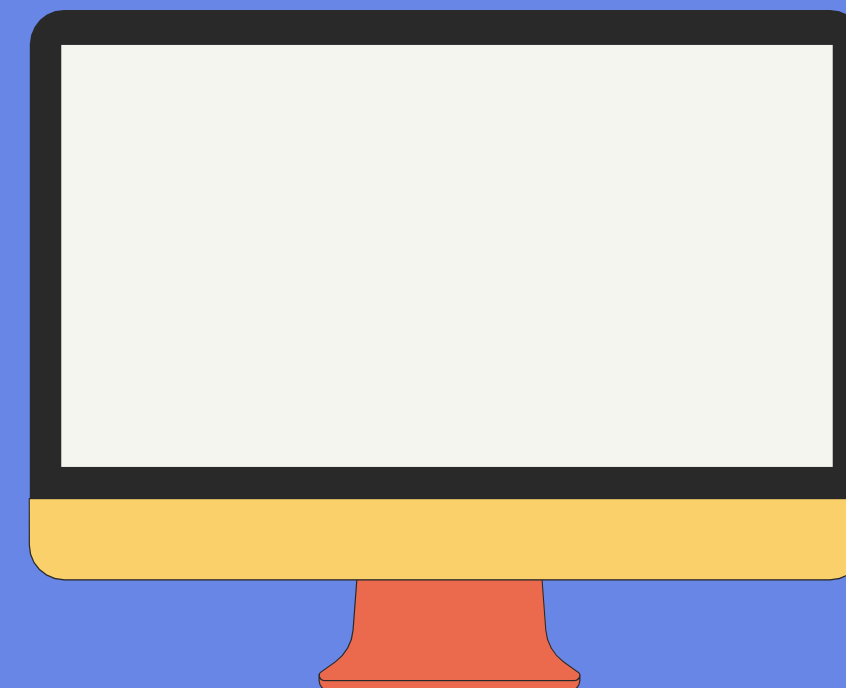
- Building Database
- Mysql
- Installation of DB
- DB Creation
- Table Creations
- Data Insertions
- Data Updation
- Data Deletion
- Subquery
- Database Operations
- Databse Structure

- Django Installation
- Django Value Passing Using GET Method
- Django Value Passing Using POST Method
- Django Static Website
- Database connection & Admin Panel
- Django Registration
- Django Password Verification
- Django Login & Logout
- Django Id Passing
- Django Url Passing

MODULE - 10

DJANGO

FRAMEWORK





MODULE - 11

DJANGO BOOTSTRAP

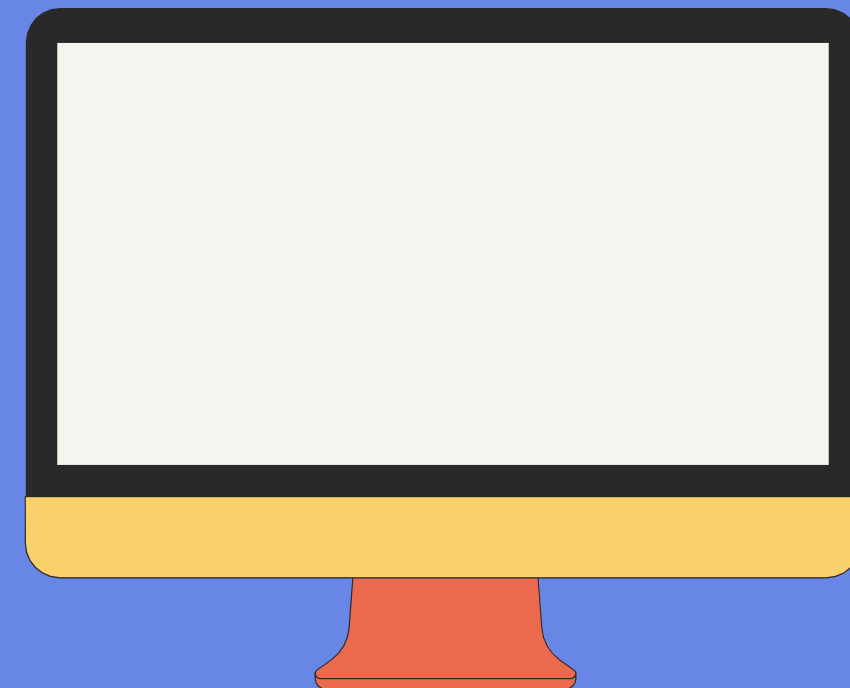
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- Django Bootstrap Section
- Django Base Code
- Django Sessions
- Django Form Processing
- Django Add Products
- Django Update Products
- Django Add Images
- Django Product Delete
- Django Design TouchUp

- Choosing a Project
- View Setup
- Model Setup
- Add Templates
- Admin Panel
- Hosting

MODULE - 12

PROJECT & HOSTING





Course Requirements



PYTHON



PYCHARM



XAMPP



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